

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072111.D
 Acq On : 25 Feb 2022 20:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 26 05:45:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	505205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	862200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	808200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	393484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	286206	54.615	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.220%			
35) Dibromofluoromethane	7.914	113	266635	51.042	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.080%			
50) Toluene-d8	10.332	98	989925	51.101	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.200%			
62) 4-Bromofluorobenzene	12.626	95	367992	51.714	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	218878	45.951	ug/l	100
3) Chloromethane	2.209	50	241532	55.980	ug/l	96
4) Vinyl Chloride	2.350	62	218238	50.751	ug/l	97
5) Bromomethane	2.762	94	135682	50.435	ug/l	93
6) Chloroethane	2.921	64	143184	52.680	ug/l	92
7) Trichlorofluoromethane	3.273	101	418885	50.350	ug/l	97
8) Diethyl Ether	3.709	74	145830	61.489	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	262828	50.565	ug/l	99
10) Methyl Iodide	4.297	142	244981	43.149	ug/l	98
11) Tert butyl alcohol	5.215	59	97820	327.153	ug/l #	90
12) 1,1-Dichloroethene	4.068	96	235601	51.032	ug/l	96
13) Acrolein	3.921	56	127179	215.699	ug/l	96
14) Allyl chloride	4.715	41	431189	53.292	ug/l	99
15) Acrylonitrile	5.420	53	400870	312.739	ug/l	100
16) Acetone	4.156	43	301034	265.800	ug/l	97
17) Carbon Disulfide	4.409	76	623185	48.513	ug/l	99
18) Methyl Acetate	4.715	43	171699	59.884	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	716020	63.753	ug/l	100
20) Methylene Chloride	4.968	84	301944	53.568	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	277311	53.458	ug/l	94
22) Diisopropyl ether	6.362	45	1001275	59.263	ug/l	97
23) Vinyl Acetate	6.303	43	2991074	331.512	ug/l	100
24) 1,1-Dichloroethane	6.262	63	545271	54.249	ug/l	99
25) 2-Butanone	7.209	43	488321	311.960	ug/l	99
26) 2,2-Dichloropropane	7.209	77	420044	52.224	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	334788	56.329	ug/l	99
28) Bromochloromethane	7.544	49	235312	54.917	ug/l	100
29) Tetrahydrofuran	7.561	42	327808	328.136	ug/l	99
30) Chloroform	7.709	83	567113	54.954	ug/l	99
31) Cyclohexane	7.985	56	450810	48.703	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	474486	53.427	ug/l	98
36) 1,1-Dichloropropene	8.109	75	397009	50.173	ug/l	99
37) Ethyl Acetate	7.291	43	224595	61.208	ug/l	98
38) Carbon Tetrachloride	8.097	117	411561	50.745	ug/l	98
39) Methylcyclohexane	9.350	83	478092	51.623	ug/l	97
40) Benzene	8.350	78	1178898	52.798	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072111.D
 Acq On : 25 Feb 2022 20:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 26 05:45:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	128239	56.358	ug/l	95
42) 1,2-Dichloroethane	8.420	62	376774	56.253	ug/l	99
43) Isopropyl Acetate	8.450	43	421326	61.660	ug/l	98
44) Trichloroethene	9.108	130	317490	52.170	ug/l	99
45) 1,2-Dichloropropane	9.385	63	322136	54.086	ug/l	100
46) Dibromomethane	9.473	93	177540	56.485	ug/l	98
47) Bromodichloromethane	9.655	83	447389	55.178	ug/l	99
48) Methyl methacrylate	9.450	41	212378	61.529	ug/l	98
49) 1,4-Dioxane	9.461	88	46157	1237.888	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	1132186	312.648	ug/l	100
52) Toluene	10.397	92	757306	52.999	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	432456	58.319	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	494382	56.331	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	252917	57.179	ug/l	98
56) Ethyl methacrylate	10.655	69	336279	63.663	ug/l	97
57) 1,3-Dichloropropane	10.938	76	433812	56.744	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	661391	279.883	ug/l	100
59) 2-Hexanone	10.979	43	778141	315.033	ug/l	100
60) Dibromochloromethane	11.132	129	310571	56.225	ug/l	97
61) 1,2-Dibromoethane	11.238	107	240441	56.883	ug/l	99
64) Tetrachloroethene	10.873	164	259463	50.851	ug/l	99
65) Chlorobenzene	11.661	112	822590	52.516	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	313241	53.881	ug/l	100
67) Ethyl Benzene	11.738	91	1463733	53.144	ug/l	100
68) m/p-Xylenes	11.844	106	1121160	106.335	ug/l	99
69) o-Xylene	12.173	106	539437	54.387	ug/l	98
70) Styrene	12.185	104	951526	55.903	ug/l	100
71) Bromoform	12.349	173	188300	56.475	ug/l #	100
73) Isopropylbenzene	12.473	105	1436318	53.164	ug/l	100
74) N-amyl acetate	12.279	43	397291	60.899	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	296106	55.435	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	203011m	54.468	ug/l	
77) Bromobenzene	12.749	156	339658	53.686	ug/l	95
78) n-propylbenzene	12.814	91	1740966	52.427	ug/l	99
79) 2-Chlorotoluene	12.896	91	1016820	52.905	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1204581	53.396	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	98863	66.424	ug/l	94
82) 4-Chlorotoluene	12.996	91	1057631	52.872	ug/l	99
83) tert-Butylbenzene	13.214	119	1025346	52.900	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	1200264	54.122	ug/l	100
85) sec-Butylbenzene	13.391	105	1539474	52.139	ug/l	100
86) p-Isopropyltoluene	13.502	119	1301153	53.578	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	659489	51.566	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	660182	51.373	ug/l	99
89) n-Butylbenzene	13.832	91	1211809	52.476	ug/l	99
90) Hexachloroethane	14.096	117	234853	48.178	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	597689	53.292	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	48227	57.956	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	385052	55.894	ug/l	98
94) Hexachlorobutadiene	15.255	225	199230	52.593	ug/l	99
95) Naphthalene	15.385	128	789550	63.134	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	347927	58.552	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
Data File : VD072111.D
Acq On : 25 Feb 2022 20:19
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

Quant Time: Feb 26 05:45:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072111.D
 Acq On : 25 Feb 2022 20:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 26 05:45:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

