

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071626.D
 Acq On : 05 Jan 2022 20:46
 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 01/06/2022
 Supervised By : Mahesh Dadoda 01/11/2022

Quant Time: Jan 06 07:07:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	275966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	468385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	443206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	218650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	191697	52.304	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.600%			
35) Dibromofluoromethane	7.914	113	172910	54.928	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.860%			
50) Toluene-d8	10.338	98	627037	52.710	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.420%			
62) 4-Bromofluorobenzene	12.626	95	230830	54.605	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	118217	40.882	ug/l	93
3) Chloromethane	2.215	50	160864	43.445	ug/l	98
4) Vinyl Chloride	2.356	62	189103	42.617	ug/l	99
5) Bromomethane	2.779	94	135910	43.783	ug/l	96
6) Chloroethane	2.926	64	136368	46.309	ug/l	94
7) Trichlorofluoromethane	3.279	101	258744	47.633	ug/l	95
8) Diethyl Ether	3.715	74	75318	48.433	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.103	101	155591	49.234	ug/l	95
10) Methyl Iodide	4.309	142	162311	52.813	ug/l	95
11) Tert butyl alcohol	5.209	59	47124	151.204	ug/l #	71
12) 1,1-Dichloroethene	4.073	96	133359	46.384	ug/l #	77
13) Acrolein	3.926	56	22595	127.621	ug/l	99
14) Allyl chloride	4.720	41	279481	51.393	ug/l #	78
15) Acrylonitrile	5.420	53	182735	238.609	ug/l	95
16) Acetone	4.156	43	221678	240.801	ug/l #	83
17) Carbon Disulfide	4.415	76	354860	37.881	ug/l	97
18) Methyl Acetate	4.720	43	130114	45.792	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	371689	50.080	ug/l	98
20) Methylene Chloride	4.968	84	199756	58.415	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	160036	48.057	ug/l	90
22) Diisopropyl ether	6.367	45	630059	56.913	ug/l	93
23) Vinyl Acetate	6.309	43	1471403	257.823	ug/l	95
24) 1,1-Dichloroethane	6.262	63	339699	53.524	ug/l	97
25) 2-Butanone	7.214	43	262755	238.955	ug/l	90
26) 2,2-Dichloropropane	7.209	77	276352	52.994	ug/l	94
27) cis-1,2-Dichloroethene	7.214	96	192370	52.227	ug/l	89
28) Bromochloromethane	7.550	49	127361	48.970	ug/l	87
29) Tetrahydrofuran	7.567	42	154450	233.940	ug/l	92
30) Chloroform	7.709	83	347629	54.285	ug/l	99
31) Cyclohexane	7.985	56	277364	44.549	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	300489	52.908	ug/l #	92
36) 1,1-Dichloropropene	8.114	75	247015	49.116	ug/l	97
37) Ethyl Acetate	7.291	43	113227	48.766	ug/l #	89
38) Carbon Tetrachloride	8.097	117	259858	52.372	ug/l	97
39) Methylcyclohexane	9.356	83	269884	45.842	ug/l	98
40) Benzene	8.350	78	699052	51.705	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071626.D
 Acq On : 05 Jan 2022 20:46
 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 01/06/2022
 Supervised By : Mahesh Dadoda 01/11/2022

Quant Time: Jan 06 07:07:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	73602	53.369	ug/l #	74
42) 1,2-Dichloroethane	8.426	62	229865	52.139	ug/l	94
43) Isopropyl Acetate	8.450	43	220918	47.945	ug/l #	89
44) Trichloroethene	9.108	130	173577	49.267	ug/l	88
45) 1,2-Dichloropropane	9.385	63	191243	54.513	ug/l	99
46) Dibromomethane	9.473	93	95172	49.103	ug/l	93
47) Bromodichloromethane	9.656	83	270444	54.958	ug/l	98
48) Methyl methacrylate	9.456	41	114650	50.282	ug/l #	78
49) 1,4-Dioxane	9.450	88	19669	898.028	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	579288	238.964	ug/l	90
52) Toluene	10.403	92	455550	53.043	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	235800	51.315	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	279748	52.684	ug/l #	82
55) 1,1,2-Trichloroethane	10.797	97	127896	51.986	ug/l	96
56) Ethyl methacrylate	10.655	69	163132	50.389	ug/l #	73
57) 1,3-Dichloropropane	10.944	76	228518	50.710	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	356030	229.579	ug/l	100
59) 2-Hexanone	10.979	43	413300	241.199	ug/l	88
60) Dibromochloromethane	11.138	129	163313	52.807	ug/l	99
61) 1,2-Dibromoethane	11.244	107	117601	48.262	ug/l	95
64) Tetrachloroethene	10.873	164	144380	46.878	ug/l	96
65) Chlorobenzene	11.667	112	473641	52.099	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	179960	54.185	ug/l	98
67) Ethyl Benzene	11.738	91	891868	52.714	ug/l	98
68) m/p-Xylenes	11.850	106	682358	106.155	ug/l	94
69) o-Xylene	12.173	106	317103	53.969	ug/l	95
70) Styrene	12.185	104	549487	53.834	ug/l	96
71) Bromoform	12.355	173	90095	50.131	ug/l #	99
73) Isopropylbenzene	12.473	105	866067	51.377	ug/l	99
74) N-amyl acetate	12.279	43	210122	46.460	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	147668	48.453	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	103141m	39.701	ug/l	
77) Bromobenzene	12.755	156	185116	49.351	ug/l	96
78) n-propylbenzene	12.814	91	1082434	51.229	ug/l	99
79) 2-Chlorotoluene	12.902	91	610729	51.721	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	725461	52.176	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	39208	42.643	ug/l #	71
82) 4-Chlorotoluene	12.996	91	641174	52.347	ug/l	99
83) tert-Butylbenzene	13.214	119	615525	51.807	ug/l	94
84) 1,2,4-Trimethylbenzene	13.261	105	724957	52.682	ug/l	98
85) sec-Butylbenzene	13.391	105	944706	52.157	ug/l	99
86) p-Isopropyltoluene	13.508	119	792826	52.753	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	384176	50.855	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	371958	50.216	ug/l	98
89) n-Butylbenzene	13.832	91	772965	52.401	ug/l	98
90) Hexachloroethane	14.102	117	148762	52.252	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	328877	51.297	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	22735	43.016	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	191937	49.127	ug/l	98
94) Hexachlorobutadiene	15.249	225	109764	52.445	ug/l	100
95) Naphthalene	15.385	128	340750	45.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	159103	47.083	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071626.D
 Acq On : 05 Jan 2022 20:46
 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 01/06/2022
 Supervised By :Mahesh Dadoda 01/11/2022

Quant Time: Jan 06 07:07:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

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

