

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061622\
 Data File : VD073607.D
 Acq On : 16 Jun 2022 09:44
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022

Quant Time: Jun 16 15:10:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	319903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	509959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	496576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	252864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	174505	50.832	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.660%			
35) Dibromofluoromethane	7.908	113	184633	56.304	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.600%			
50) Toluene-d8	10.332	98	689332	55.598	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.200%			
62) 4-Bromofluorobenzene	12.620	95	251999	55.988	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	134700	44.153	ug/l	96
3) Chloromethane	2.209	50	141827	45.332	ug/l	99
4) Vinyl Chloride	2.344	62	139707	47.624	ug/l	100
5) Bromomethane	2.756	94	101403	48.219	ug/l	98
6) Chloroethane	2.915	64	90618	48.475	ug/l	100
7) Trichlorofluoromethane	3.262	101	288438	50.179	ug/l	99
8) Diethyl Ether	3.703	74	78714	47.849	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.091	101	166714	50.711	ug/l	94
10) Methyl Iodide	4.291	142	172094	44.123	ug/l	99
11) Tert butyl alcohol	5.220	59	55705	Below Cal		99
12) 1,1-Dichloroethene	4.061	96	151888	48.659	ug/l	96
13) Acrolein	3.914	56	28258	186.891	ug/l	98
14) Allyl chloride	4.703	41	228072	49.080	ug/l	92
15) Acrylonitrile	5.409	53	185193	250.694	ug/l	97
16) Acetone	4.150	43	150363	248.753	ug/l	90
17) Carbon Disulfide	4.403	76	455401	46.028	ug/l	98
18) Methyl Acetate	4.709	43	79331	46.650	ug/l #	90
19) Methyl tert-butyl Ether	5.467	73	379413	50.930	ug/l	100
20) Methylene Chloride	4.950	84	189187	49.946	ug/l #	82
21) trans-1,2-Dichloroethene	5.461	96	187444	49.641	ug/l	88
22) Diisopropyl ether	6.356	45	534144	53.267	ug/l #	90
23) Vinyl Acetate	6.297	43	1422871	261.559	ug/l #	91
24) 1,1-Dichloroethane	6.256	63	325261	50.601	ug/l	98
25) 2-Butanone	7.203	43	220936	248.407	ug/l	92
26) 2,2-Dichloropropane	7.197	77	293426	50.917	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	209858	51.412	ug/l	89
28) Bromochloromethane	7.538	49	127204	50.421	ug/l #	71
29) Tetrahydrofuran	7.555	42	143401	252.745	ug/l #	88
30) Chloroform	7.702	83	353026	51.406	ug/l	98
31) Cyclohexane	7.979	56	281591	48.692	ug/l	92
32) 1,1,1-Trichloroethane	7.891	97	317910	52.538	ug/l	95
36) 1,1-Dichloropropene	8.102	75	258679	52.522	ug/l	95
37) Ethyl Acetate	7.285	43	103459	52.004	ug/l #	95
38) Carbon Tetrachloride	8.091	117	282039	54.741	ug/l	99
39) Methylcyclohexane	9.349	83	302761	52.751	ug/l	95
40) Benzene	8.344	78	750853	52.411	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061622\
 Data File : VD073607.D
 Acq On : 16 Jun 2022 09:44
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022

Quant Time: Jun 16 15:10:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	63368	58.751	ug/l	92
42) 1,2-Dichloroethane	8.414	62	211645	53.433	ug/l	94
43) Isopropyl Acetate	8.444	43	194027	50.690	ug/l #	90
44) Trichloroethene	9.102	130	210208	52.682	ug/l	96
45) 1,2-Dichloropropane	9.379	63	188732	53.179	ug/l	93
46) Dibromomethane	9.467	93	105475	52.756	ug/l	94
47) Bromodichloromethane	9.655	83	270963	54.088	ug/l	98
48) Methyl methacrylate	9.449	41	99995	52.738	ug/l #	86
49) 1,4-Dioxane	9.455	88	25315	1100.887	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	523726	270.406	ug/l	91
52) Toluene	10.396	92	504454	54.901	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	257037	54.706	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	298746	54.290	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	148120	51.946	ug/l	96
56) Ethyl methacrylate	10.649	69	179877	55.060	ug/l #	82
57) 1,3-Dichloropropane	10.932	76	249923	53.812	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	337598	251.340	ug/l	92
59) 2-Hexanone	10.973	43	375903	283.396	ug/l	91
60) Dibromochloromethane	11.126	129	194846	55.365	ug/l	99
61) 1,2-Dibromoethane	11.238	107	142945	52.614	ug/l	97
64) Tetrachloroethene	10.867	164	173194	51.230	ug/l	95
65) Chlorobenzene	11.661	112	537197	52.578	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	206515	53.273	ug/l	99
67) Ethyl Benzene	11.732	91	962273	53.894	ug/l	99
68) m/p-Xylenes	11.843	106	757484	108.108	ug/l	99
69) o-Xylene	12.167	106	352419	54.662	ug/l	94
70) Styrene	12.185	104	616010	55.392	ug/l	97
71) Bromoform	12.349	173	112068	52.869	ug/l #	96
73) Isopropylbenzene	12.467	105	938713	53.558	ug/l	98
74) N-amyl acetate	12.273	43	194864	49.977	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	169850	51.048	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	120288m	48.968	ug/l	
77) Bromobenzene	12.749	156	225329	52.642	ug/l	89
78) n-propylbenzene	12.808	91	1180144	54.095	ug/l	98
79) 2-Chlorotoluene	12.896	91	667803	52.660	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	817210	54.061	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	55143	52.689	ug/l	85
82) 4-Chlorotoluene	12.990	91	710479	53.143	ug/l	97
83) tert-Butylbenzene	13.208	119	680004	53.225	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	800911	53.085	ug/l	98
85) sec-Butylbenzene	13.385	105	1038517	54.263	ug/l	98
86) p-Isopropyltoluene	13.502	119	860998	53.967	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	451965	51.711	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	448481	51.869	ug/l	99
89) n-Butylbenzene	13.826	91	803881	53.414	ug/l	99
90) Hexachloroethane	14.096	117	169486	51.298	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	395827	52.507	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	26377	49.638	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	233572	51.740	ug/l	99
94) Hexachlorobutadiene	15.249	225	125547	50.700	ug/l	99
95) Naphthalene	15.384	128	419462	46.269	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	200138	50.773	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061622\
Data File : VD073607.D
Acq On : 16 Jun 2022 09:44
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

Quant Time: Jun 16 15:10:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration

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

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

