

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061622\
 Data File : VD073610.D
 Acq On : 16 Jun 2022 11:41
 Operator : VA/SY
 Sample : VD0616SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0616SBS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 15:10:58 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	7.973	168	287182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	472246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	451503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	232931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	170159	55.213	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.420%			
35) Dibromofluoromethane	7.908	113	174076	57.324	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.640%			
50) Toluene-d8	10.332	98	643069	56.009	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.020%			
62) 4-Bromofluorobenzene	12.620	95	239490	57.458	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	62198	22.711	ug/l	95
3) Chloromethane	2.209	50	57247	20.382	ug/l	94
4) Vinyl Chloride	2.344	62	57477	21.826	ug/l	98
5) Bromomethane	2.744	94	40634	21.524	ug/l	96
6) Chloroethane	2.909	64	34659	20.653	ug/l	95
7) Trichlorofluoromethane	3.267	101	113577	22.010	ug/l	100
8) Diethyl Ether	3.715	74	29879	20.232	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.091	101	66047	22.379	ug/l	94
10) Methyl Iodide	4.297	142	64291	20.798	ug/l	97
11) Tert butyl alcohol	5.191	59	62100	58.754	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	57909	20.666	ug/l	87
13) Acrolein	3.926	56	9452	69.636	ug/l	98
14) Allyl chloride	4.714	41	81553	19.549	ug/l #	95
15) Acrylonitrile	5.409	53	67551	101.862	ug/l	97
16) Acetone	4.156	43	50035	92.207	ug/l	97
17) Carbon Disulfide	4.403	76	177363	19.969	ug/l	100
18) Methyl Acetate	4.714	43	32516	22.043	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	138459	20.703	ug/l	96
20) Methylene Chloride	4.956	84	80517	21.840	ug/l #	81
21) trans-1,2-Dichloroethene	5.461	96	69071	20.376	ug/l	87
22) Diisopropyl ether	6.356	45	190176	21.126	ug/l #	94
23) Vinyl Acetate	6.303	43	491280	100.599	ug/l #	93
24) 1,1-Dichloroethane	6.256	63	122156	21.169	ug/l	95
25) 2-Butanone	7.203	43	77309	96.825	ug/l #	85
26) 2,2-Dichloropropane	7.203	77	107755	20.829	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	75398	20.576	ug/l	90
28) Bromochloromethane	7.538	49	40841	18.033	ug/l #	71
29) Tetrahydrofuran	7.561	42	48913	96.032	ug/l	88
30) Chloroform	7.703	83	138138	22.407	ug/l	98
31) Cyclohexane	7.979	56	108790	20.955	ug/l	88
32) 1,1,1-Trichloroethane	7.897	97	122194	22.495	ug/l	93
36) 1,1-Dichloropropene	8.108	75	97849	21.454	ug/l	95
37) Ethyl Acetate	7.291	43	36378	19.746	ug/l #	90
38) Carbon Tetrachloride	8.085	117	109106	22.867	ug/l	98
39) Methylcyclohexane	9.350	83	105301	19.812	ug/l	92
40) Benzene	8.344	78	283061	21.336	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	23569m	23.597	ug/l	
42) 1,2-Dichloroethane	8.414	62	81622	22.252	ug/l	95
43) Isopropyl Acetate	8.444	43	70569	19.909	ug/l #	91
44) Trichloroethene	9.108	130	76352	20.663	ug/l	94
45) 1,2-Dichloropropane	9.379	63	71962	21.896	ug/l	97
46) Dibromomethane	9.467	93	41010	22.150	ug/l	94
47) Bromodichloromethane	9.655	83	102923	22.186	ug/l #	99
48) Methyl methacrylate	9.450	41	34095	19.418	ug/l #	82
49) 1,4-Dioxane	9.455	88	7740	363.474	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	182195	101.582	ug/l	89
52) Toluene	10.397	92	189505	22.271	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	92915	21.355	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	109616	21.511	ug/l #	85
55) 1,1,2-Trichloroethane	10.791	97	55689	21.090	ug/l	95
56) Ethyl methacrylate	10.655	69	60179	19.892	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	91663	21.312	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	120382	96.781	ug/l	93
59) 2-Hexanone	10.973	43	121030	98.532	ug/l	93
60) Dibromochloromethane	11.132	129	71969	22.083	ug/l	100
61) 1,2-Dibromoethane	11.238	107	54709	21.745	ug/l	99
64) Tetrachloroethene	10.867	164	65953	21.456	ug/l	98
65) Chlorobenzene	11.661	112	199312	21.455	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	76274	21.640	ug/l	97
67) Ethyl Benzene	11.738	91	349402	21.523	ug/l	97
68) m/p-Xylenes	11.843	106	275452	43.237	ug/l	99
69) o-Xylene	12.173	106	128681	21.952	ug/l	93
70) Styrene	12.185	104	223827	22.136	ug/l	98
71) Bromoform	12.349	173	41297	21.427	ug/l #	97
73) Isopropylbenzene	12.467	105	331024	20.503	ug/l	98
74) N-amyl acetate	12.279	43	67948	18.918	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.714	83	61648	20.114	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	44898m	19.841	ug/l	
77) Bromobenzene	12.749	156	82895	21.023	ug/l	90
78) n-propylbenzene	12.808	91	430637	21.428	ug/l	98
79) 2-Chlorotoluene	12.896	91	248907	21.308	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	296397	21.286	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	18618	19.312	ug/l	85
82) 4-Chlorotoluene	12.990	91	265206	21.535	ug/l	98
83) tert-Butylbenzene	13.208	119	250242	21.263	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	296439	21.330	ug/l	98
85) sec-Butylbenzene	13.385	105	378891	21.491	ug/l	98
86) p-Isopropyltoluene	13.502	119	312076	21.235	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	169616	21.067	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	169883	21.329	ug/l	100
89) n-Butylbenzene	13.826	91	289772	20.902	ug/l	99
90) Hexachloroethane	14.096	117	64911	21.328	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	150557	21.681	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	9614	19.640	ug/l	82
93) 1,2,4-Trichlorobenzene	15.143	180	85051	20.453	ug/l	98
94) Hexachlorobutadiene	15.249	225	48742	21.368	ug/l	97
95) Naphthalene	15.379	128	139975	19.442	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	73902	20.353	ug/l	99

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

