

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020122\
 Data File : VD071864.D
 Acq On : 01 Feb 2022 11:27
 Operator : VA/SY
 Sample : VD0201SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0201SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/02/2022
 Supervised By : Semsettin Yesilyurt 02/02/2022

Quant Time: Feb 02 07:05:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	380335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	634828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	580575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	270422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	249568	51.915	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.840%			
35) Dibromofluoromethane	7.914	113	230303	55.190	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.380%			
50) Toluene-d8	10.338	98	891217	57.186	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.380%			
62) 4-Bromofluorobenzene	12.626	95	298031	54.762	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	103090	22.857	ug/l	98
3) Chloromethane	2.215	50	118348	21.917	ug/l	97
4) Vinyl Chloride	2.356	62	121179	21.435	ug/l	99
5) Bromomethane	2.768	94	78638	21.082	ug/l	92
6) Chloroethane	2.926	64	76113	21.245	ug/l	99
7) Trichlorofluoromethane	3.279	101	168427	20.789	ug/l	97
8) Diethyl Ether	3.715	74	37704	17.637	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.103	101	96614	21.138	ug/l	100
10) Methyl Iodide	4.309	142	87527	18.679	ug/l	99
11) Tert butyl alcohol	5.214	59	19548	32.026	ug/l #	93
12) 1,1-Dichloroethene	4.079	96	84159	20.141	ug/l #	94
13) Acrolein	3.926	56	39636	92.829	ug/l	94
14) Allyl chloride	4.726	41	161185	20.237	ug/l	99
15) Acrylonitrile	5.420	53	97328	89.581	ug/l	99
16) Acetone	4.162	43	97723	74.261	ug/l	92
17) Carbon Disulfide	4.420	76	295076	20.252	ug/l	97
18) Methyl Acetate	4.726	43	44467	15.629	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	181408	18.148	ug/l	99
20) Methylene Chloride	4.967	84	95576	17.465	ug/l	97
21) trans-1,2-Dichloroethene	5.479	96	98010	20.148	ug/l	98
22) Diisopropyl ether	6.367	45	316496	20.274	ug/l	96
23) Vinyl Acetate	6.308	43	791518	91.911	ug/l	98
24) 1,1-Dichloroethane	6.273	63	189827	20.863	ug/l	98
25) 2-Butanone	7.214	43	127762	83.282	ug/l	96
26) 2,2-Dichloropropane	7.214	77	150444	19.980	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	104104	19.926	ug/l	99
28) Bromochloromethane	7.550	49	62639	18.252	ug/l	98
29) Tetrahydrofuran	7.567	42	77577	85.465	ug/l	99
30) Chloroform	7.714	83	186715	20.086	ug/l	98
31) Cyclohexane	7.991	56	184819	20.138	ug/l #	92
32) 1,1,1-Trichloroethane	7.908	97	166508	20.308	ug/l	99
36) 1,1-Dichloropropene	8.114	75	151972	21.219	ug/l	98
37) Ethyl Acetate	7.291	43	57360	17.226	ug/l #	94
38) Carbon Tetrachloride	8.102	117	146960	20.749	ug/l	97
39) Methylcyclohexane	9.355	83	167559	20.191	ug/l	95
40) Benzene	8.350	78	398665	20.621	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	36785	19.527	ug/l	92
42) 1,2-Dichloroethane	8.426	62	119758	19.617	ug/l	99
43) Isopropyl Acetate	8.455	43	104398	17.444	ug/l	94
44) Trichloroethene	9.114	130	103687	20.771	ug/l	99
45) 1,2-Dichloropropane	9.385	63	101386	20.338	ug/l	91
46) Dibromomethane	9.479	93	50947	19.518	ug/l	99
47) Bromodichloromethane	9.661	83	136681	19.800	ug/l #	99
48) Methyl methacrylate	9.455	41	55211	17.431	ug/l	95
49) 1,4-Dioxane	9.461	88	10402	349.146	ug/l	90
51) 4-Methyl-2-Pentanone	10.226	43	272164	86.900	ug/l	98
52) Toluene	10.402	92	255136	21.222	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	117201	18.485	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	145050	19.517	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	65303	18.851	ug/l	92
56) Ethyl methacrylate	10.655	69	76039	17.728	ug/l	97
57) 1,3-Dichloropropane	10.944	76	119132	19.263	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	181924	90.102	ug/l	99
59) 2-Hexanone	10.979	43	184603	81.210	ug/l	96
60) Dibromochloromethane	11.138	129	81697	19.098	ug/l	98
61) 1,2-Dibromoethane	11.238	107	61659	18.474	ug/l	99
64) Tetrachloroethene	10.873	164	83243	20.270	ug/l	86
65) Chlorobenzene	11.667	112	247254	20.131	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	89226	19.969	ug/l	99
67) Ethyl Benzene	11.743	91	460589	20.380	ug/l	99
68) m/p-Xylenes	11.849	106	360623	41.951	ug/l	99
69) o-Xylene	12.173	106	161194	20.634	ug/l	97
70) Styrene	12.191	104	270713	20.105	ug/l	99
71) Bromoform	12.355	173	43774	18.348	ug/l #	96
73) Isopropylbenzene	12.473	105	433873	20.720	ug/l	100
74) N-amyl acetate	12.285	43	91784	17.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	72352	18.671	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	51436m	18.048	ug/l	
77) Bromobenzene	12.755	156	93567	20.087	ug/l	97
78) n-propylbenzene	12.814	91	558619	21.275	ug/l	99
79) 2-Chlorotoluene	12.902	91	312903	21.029	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	368093	21.193	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	19249	16.607	ug/l	93
82) 4-Chlorotoluene	12.996	91	322835	20.854	ug/l	99
83) tert-Butylbenzene	13.214	119	310249	21.554	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	360394	21.094	ug/l	99
85) sec-Butylbenzene	13.390	105	475871	21.128	ug/l	100
86) p-Isopropyltoluene	13.508	119	388365	21.220	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	189455	20.030	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	185522	19.653	ug/l	96
89) n-Butylbenzene	13.832	91	374150	20.836	ug/l	100
90) Hexachloroethane	14.102	117	77130	21.201	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	160370	19.812	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	10969	17.092	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	90703	19.182	ug/l	100
94) Hexachlorobutadiene	15.255	225	55717	21.610	ug/l	97
95) Naphthalene	15.384	128	153346	17.303	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	76724	18.930	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

