

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020322\
 Data File : VD071888.D
 Acq On : 03 Feb 2022 12:29
 Operator : VA/SY
 Sample : VD0203SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0203SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/04/2022
 Supervised By : Mahesh Dadoda 02/07/2022

Quant Time: Feb 04 00:50:00 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	364936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	610192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	572360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	276081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	253855	55.035	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.080%			
35) Dibromofluoromethane	7.909	113	218596	54.500	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.000%			
50) Toluene-d8	10.332	98	821532	54.843	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.680%			
62) 4-Bromofluorobenzene	12.620	95	283422	54.180	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	99991	23.106	ug/l	100
3) Chloromethane	2.209	50	109328	21.101	ug/l	99
4) Vinyl Chloride	2.344	62	115979	21.381	ug/l	99
5) Bromomethane	2.750	94	73590	20.562	ug/l	91
6) Chloroethane	2.915	64	73205	21.296	ug/l	100
7) Trichlorofluoromethane	3.268	101	157161	20.217	ug/l	94
8) Diethyl Ether	3.709	74	41987	20.470	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	91604	20.887	ug/l	98
10) Methyl Iodide	4.297	142	73985	16.456	ug/l	97
11) Tert butyl alcohol	5.226	59	27778	71.402	ug/l	95
12) 1,1-Dichloroethene	4.062	96	78968	19.696	ug/l	99
13) Acrolein	3.921	56	41116	100.359	ug/l	98
14) Allyl chloride	4.709	41	152871	20.003	ug/l	98
15) Acrylonitrile	5.420	53	110952	106.430	ug/l	98
16) Acetone	4.162	43	116467	92.240	ug/l	98
17) Carbon Disulfide	4.403	76	272008	19.457	ug/l	97
18) Methyl Acetate	4.715	43	56615	20.738	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	196911	20.530	ug/l	98
20) Methylene Chloride	4.968	84	95575	18.372	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	91199	19.539	ug/l	95
22) Diisopropyl ether	6.367	45	315075	21.035	ug/l	99
23) Vinyl Acetate	6.303	43	864998	104.682	ug/l	99
24) 1,1-Dichloroethane	6.262	63	184434	21.125	ug/l	98
25) 2-Butanone	7.214	43	149353	101.464	ug/l	99
26) 2,2-Dichloropropane	7.203	77	143286	19.833	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	101315	20.210	ug/l	97
28) Bromochloromethane	7.544	49	61869	18.788	ug/l	100
29) Tetrahydrofuran	7.561	42	94990	109.065	ug/l	99
30) Chloroform	7.709	83	183593	20.584	ug/l	99
31) Cyclohexane	7.985	56	170869	19.404	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	161220	20.493	ug/l	100
36) 1,1-Dichloropropene	8.109	75	140030	20.341	ug/l	100
37) Ethyl Acetate	7.291	43	65840	20.571	ug/l	95
38) Carbon Tetrachloride	8.097	117	138347	20.321	ug/l	95
39) Methylcyclohexane	9.356	83	160741	20.151	ug/l	95
40) Benzene	8.350	78	380673	20.485	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	37058	20.466	ug/l	91
42) 1,2-Dichloroethane	8.420	62	124816	21.271	ug/l	98
43) Isopropyl Acetate	8.450	43	123494	21.467	ug/l	99
44) Trichloroethene	9.108	130	97651	20.352	ug/l	94
45) 1,2-Dichloropropane	9.385	63	100470	20.968	ug/l	99
46) Dibromomethane	9.473	93	53117	21.171	ug/l	99
47) Bromodichloromethane	9.661	83	141654	21.349	ug/l #	95
48) Methyl methacrylate	9.450	41	64744	21.266	ug/l	99
49) 1,4-Dioxane	9.461	88	12453	434.864	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	330684	109.848	ug/l	98
52) Toluene	10.403	92	240098	20.778	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	125160	20.538	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	146324	20.483	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	72520	21.779	ug/l	95
56) Ethyl methacrylate	10.655	69	87596	21.248	ug/l	99
57) 1,3-Dichloropropane	10.938	76	122732	20.646	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	201548	103.851	ug/l	99
59) 2-Hexanone	10.979	43	224630	102.808	ug/l	97
60) Dibromochloromethane	11.132	129	86670	21.078	ug/l	99
61) 1,2-Dibromoethane	11.238	107	69636	21.706	ug/l	100
64) Tetrachloroethene	10.873	164	81710	20.182	ug/l	99
65) Chlorobenzene	11.661	112	244917	20.227	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	89570	20.333	ug/l	99
67) Ethyl Benzene	11.738	91	450095	20.201	ug/l	96
68) m/p-Xylenes	11.844	106	342168	40.375	ug/l	99
69) o-Xylene	12.173	106	151916	19.725	ug/l	98
70) Styrene	12.185	104	270737	20.395	ug/l	99
71) Bromoform	12.349	173	47868	20.352	ug/l #	95
73) Isopropylbenzene	12.473	105	417722	19.540	ug/l	100
74) N-amyl acetate	12.279	43	109268	20.784	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	83281	21.051	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	53673m	18.447	ug/l	
77) Bromobenzene	12.749	156	95862	20.158	ug/l	97
78) n-propylbenzene	12.808	91	530324	19.784	ug/l	99
79) 2-Chlorotoluene	12.897	91	298426	19.645	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	365914	20.636	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	23032	19.464	ug/l	94
82) 4-Chlorotoluene	12.996	91	313673	19.847	ug/l	99
83) tert-Butylbenzene	13.214	119	295099	20.081	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	356030	20.411	ug/l	99
85) sec-Butylbenzene	13.391	105	454331	19.758	ug/l	98
86) p-Isopropyltoluene	13.502	119	371528	19.884	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	191327	19.813	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	191940	19.916	ug/l	100
89) n-Butylbenzene	13.832	91	366744	20.005	ug/l	99
90) Hexachloroethane	14.096	117	75667	20.373	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	163548	19.791	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.491	75	13811	21.079	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	95598	19.803	ug/l	99
94) Hexachlorobutadiene	15.249	225	52646	20.000	ug/l	99
95) Naphthalene	15.385	128	172050	18.872	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	84873	20.511	ug/l	100

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

