

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071680.D
 Acq On : 12 Jan 2022 12:22
 Operator : VA/SY
 Sample : VD0112SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0112SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/13/2022
 Supervised By :Mahesh Dadoda 01/13/2022

Quant Time: Jan 13 05:27:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	286338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	482048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	450980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	212058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	198209	53.797	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.600%			
35) Dibromofluoromethane	7.914	113	174314	54.717	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.440%			
50) Toluene-d8	10.338	98	669055	56.104	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.200%			
62) 4-Bromofluorobenzene	12.626	95	222918	53.049	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	43704	19.811	ug/l	99
3) Chloromethane	2.215	50	59015	20.122	ug/l	96
4) Vinyl Chloride	2.356	62	68784	19.320	ug/l	97
5) Bromomethane	2.767	94	48943	20.164	ug/l	91
6) Chloroethane	2.926	64	48807	19.237	ug/l	94
7) Trichlorofluoromethane	3.279	101	97984	19.415	ug/l	92
8) Diethyl Ether	3.714	74	26835	20.216	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.103	101	58749	19.916	ug/l	98
10) Methyl Iodide	4.303	142	42841	15.189	ug/l	99
11) Tert butyl alcohol	5.208	59	39345	196.105	ug/l #	78
12) 1,1-Dichloroethene	4.079	96	48496	18.945	ug/l	96
13) Acrolein	3.926	56	32973	91.692	ug/l	97
14) Allyl chloride	4.720	41	97725	19.254	ug/l	98
15) Acrylonitrile	5.426	53	71210	101.512	ug/l #	87
16) Acetone	4.156	43	83210	97.822	ug/l	94
17) Carbon Disulfide	4.420	76	119516	18.899	ug/l	99
18) Methyl Acetate	4.714	43	52660	21.316	ug/l	95
19) Methyl tert-butyl Ether	5.485	73	131439	19.452	ug/l	98
20) Methylene Chloride	4.973	84	69643	20.598	ug/l	98
21) trans-1,2-Dichloroethene	5.479	96	57754	19.757	ug/l	91
22) Diisopropyl ether	6.367	45	219566	20.089	ug/l	96
23) Vinyl Acetate	6.308	43	501751	98.374	ug/l	99
24) 1,1-Dichloroethane	6.261	63	123753	19.837	ug/l	99
25) 2-Butanone	7.214	43	99485	98.988	ug/l #	91
26) 2,2-Dichloropropane	7.214	77	101681	19.410	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	68798	19.940	ug/l	99
28) Bromochloromethane	7.555	49	58409	19.219	ug/l	99
29) Tetrahydrofuran	7.567	42	58178	100.626	ug/l	99
30) Chloroform	7.708	83	128238	20.102	ug/l	94
31) Cyclohexane	7.985	56	101196	20.036	ug/l #	95
32) 1,1,1-Trichloroethane	7.902	97	110495	19.652	ug/l	98
36) 1,1-Dichloropropene	8.108	75	87231	19.196	ug/l	98
37) Ethyl Acetate	7.291	43	41054	19.465	ug/l	97
38) Carbon Tetrachloride	8.097	117	94772	20.593	ug/l	97
39) Methylcyclohexane	9.355	83	91473	18.635	ug/l	97
40) Benzene	8.350	78	255700	20.422	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	23075m	18.475	ug/l	
42) 1,2-Dichloroethane	8.420	62	83678	19.743	ug/l	99
43) Isopropyl Acetate	8.450	43	83343	20.992	ug/l	99
44) Trichloroethene	9.108	130	63580	19.732	ug/l	100
45) 1,2-Dichloropropane	9.385	63	68830	20.336	ug/l	97
46) Dibromomethane	9.473	93	34931	20.163	ug/l	98
47) Bromodichloromethane	9.661	83	96938	20.380	ug/l	97
48) Methyl methacrylate	9.455	41	43048	21.457	ug/l #	87
49) 1,4-Dioxane	9.461	88	7469	430.024	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	217233	103.587	ug/l	100
52) Toluene	10.396	92	159981	20.299	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	84441	20.238	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	102273	20.789	ug/l	95
55) 1,1,2-Trichloroethane	10.796	97	47539	20.932	ug/l	99
56) Ethyl methacrylate	10.655	69	56817	20.409	ug/l	99
57) 1,3-Dichloropropane	10.938	76	85480	20.367	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	159854	104.017	ug/l	98
59) 2-Hexanone	10.979	43	156288	106.701	ug/l	99
60) Dibromochloromethane	11.132	129	60343	20.874	ug/l	99
61) 1,2-Dibromoethane	11.243	107	44818	20.626	ug/l	96
64) Tetrachloroethene	10.873	164	51755	19.537	ug/l	95
65) Chlorobenzene	11.667	112	170982	19.813	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	63491	19.403	ug/l	99
67) Ethyl Benzene	11.738	91	309121	19.511	ug/l	99
68) m/p-Xylenes	11.849	106	237440	40.296	ug/l	97
69) o-Xylene	12.173	106	108923	19.530	ug/l	97
70) Styrene	12.190	104	186662	19.526	ug/l	99
71) Bromoform	12.349	173	33825	21.170	ug/l #	99
73) Isopropylbenzene	12.473	105	294553	19.329	ug/l	98
74) N-amyl acetate	12.279	43	72984	19.524	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	55991	20.734	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	39956m	19.500	ug/l	
77) Bromobenzene	12.755	156	66640	20.244	ug/l	99
78) n-propylbenzene	12.814	91	383271	19.998	ug/l	99
79) 2-Chlorotoluene	12.902	91	217786	20.161	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	253069	19.875	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	16216	22.063	ug/l	91
82) 4-Chlorotoluene	12.996	91	224217	20.007	ug/l	98
83) tert-Butylbenzene	13.214	119	214279	19.695	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	247359	19.644	ug/l	99
85) sec-Butylbenzene	13.390	105	331902	19.917	ug/l	100
86) p-Isopropyltoluene	13.508	119	272628	19.926	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	136911	20.154	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	138149	19.934	ug/l	99
89) n-Butylbenzene	13.832	91	270522	19.743	ug/l	99
90) Hexachloroethane	14.102	117	55536	20.516	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	116231	19.964	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	8894	20.492	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	69720	20.779	ug/l	94
94) Hexachlorobutadiene	15.249	225	38408	19.526	ug/l	99
95) Naphthalene	15.384	128	117526	19.784	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	59092	20.668	ug/l	99

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

