

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071738.D
 Acq On : 19 Jan 2022 11:34
 Operator : VA/SY
 Sample : VD0119SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0119SBS01

Quant Time: Jan 20 04:56:25 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2022
 Supervised By :Mahesh Dadoda 01/20/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	283632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	475324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	445527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	215704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	194940	53.415	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.840%			
35) Dibromofluoromethane	7.914	113	164583	52.393	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.780%			
50) Toluene-d8	10.338	98	628611	53.458	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.920%			
62) 4-Bromofluorobenzene	12.626	95	212784	51.353	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	44513	20.386	ug/l	98
3) Chloromethane	2.215	50	56252	19.323	ug/l	92
4) Vinyl Chloride	2.350	62	68572	19.445	ug/l	96
5) Bromomethane	2.762	94	51391	21.417	ug/l	98
6) Chloroethane	2.920	64	50903	20.255	ug/l	91
7) Trichlorofluoromethane	3.273	101	99940	19.991	ug/l	98
8) Diethyl Ether	3.709	74	26498	20.153	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.103	101	60287	20.632	ug/l	98
10) Methyl Iodide	4.303	142	41495	14.853	ug/l	99
11) Tert butyl alcohol	5.220	59	19692	13.059	ug/l #	89
12) 1,1-Dichloroethene	4.073	96	50151	19.779	ug/l	95
13) Acrolein	3.926	56	27372	76.843	ug/l	98
14) Allyl chloride	4.720	41	98565	19.604	ug/l	99
15) Acrylonitrile	5.420	53	73712	106.082	ug/l	96
16) Acetone	4.156	43	84018	99.714	ug/l	94
17) Carbon Disulfide	4.414	76	114600	18.309	ug/l	96
18) Methyl Acetate	4.726	43	56467	23.110	ug/l	97
19) Methyl tert-butyl Ether	5.491	73	135862	20.298	ug/l	96
20) Methylene Chloride	4.961	84	66972	19.917	ug/l	92
21) trans-1,2-Dichloroethene	5.479	96	56498	19.511	ug/l	89
22) Diisopropyl ether	6.361	45	221122	20.425	ug/l	95
23) Vinyl Acetate	6.308	43	498508	98.671	ug/l	99
24) 1,1-Dichloroethane	6.267	63	125414	20.295	ug/l	96
25) 2-Butanone	7.214	43	105498	105.973	ug/l	96
26) 2,2-Dichloropropane	7.208	77	100974	19.459	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	67563	19.768	ug/l	99
28) Bromochloromethane	7.544	49	56746	18.850	ug/l #	23
29) Tetrahydrofuran	7.561	42	60784	106.136	ug/l	97
30) Chloroform	7.708	83	133476	21.123	ug/l	99
31) Cyclohexane	7.985	56	97126	19.423	ug/l #	94
32) 1,1,1-Trichloroethane	7.908	97	114916	20.633	ug/l	98
36) 1,1-Dichloropropene	8.114	75	91744	20.474	ug/l	98
37) Ethyl Acetate	7.297	43	43711	21.018	ug/l	96
38) Carbon Tetrachloride	8.097	117	96814	21.335	ug/l	99
39) Methylcyclohexane	9.355	83	87619	18.103	ug/l	93
40) Benzene	8.355	78	246564	19.971	ug/l	98

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41) Methacrylonitrile	7.526	41	25055	20.229	ug/l	92
42) 1,2-Dichloroethane	8.420	62	89312	21.371	ug/l	98
43) Isopropyl Acetate	8.450	43	87181	22.270	ug/l	98
44) Trichloroethene	9.108	130	64787	20.391	ug/l	97
45) 1,2-Dichloropropane	9.385	63	70478	21.117	ug/l	99
46) Dibromomethane	9.473	93	35103	20.549	ug/l	96
47) Bromodichloromethane	9.661	83	102315	21.815	ug/l	96
48) Methyl methacrylate	9.455	41	38489	19.456	ug/l	96
49) 1,4-Dioxane	9.461	88	7565	441.713	ug/l #	89
51) 4-Methyl-2-Pentanone	10.226	43	227720	110.124	ug/l	99
52) Toluene	10.402	92	163798	21.077	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	90798	22.069	ug/l	96
54) cis-1,3-Dichloropropene	10.091	75	104317	21.504	ug/l	95
55) 1,1,2-Trichloroethane	10.796	97	51853	23.154	ug/l	95
56) Ethyl methacrylate	10.655	69	56863	20.715	ug/l	99
57) 1,3-Dichloropropane	10.938	76	90297	21.819	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	162470	107.214	ug/l	100
59) 2-Hexanone	10.979	43	160257	110.959	ug/l	100
60) Dibromochloromethane	11.138	129	62861	22.052	ug/l	99
61) 1,2-Dibromoethane	11.244	107	45746	21.351	ug/l	98
64) Tetrachloroethene	10.873	164	53342	20.382	ug/l	91
65) Chlorobenzene	11.667	112	172845	20.274	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.738	131	65016	20.112	ug/l	98
67) Ethyl Benzene	11.738	91	309988	19.805	ug/l	97
68) m/p-Xylenes	11.849	106	238606	40.989	ug/l	94
69) o-Xylene	12.173	106	107975	19.597	ug/l	98
70) Styrene	12.191	104	190426	20.164	ug/l	99
71) Bromoform	12.355	173	35337	22.387	ug/l #	99
73) Isopropylbenzene	12.473	105	297358	19.183	ug/l	98
74) N-amyl acetate	12.285	43	79569	20.926	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	59497	21.660	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	42397m	20.341	ug/l	
77) Bromobenzene	12.749	156	68750	20.532	ug/l	99
78) n-propylbenzene	12.814	91	379519	19.467	ug/l	100
79) 2-Chlorotoluene	12.902	91	216172	19.674	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	255874	19.756	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	16350	21.869	ug/l	94
82) 4-Chlorotoluene	12.996	91	225582	19.789	ug/l	99
83) tert-Butylbenzene	13.214	119	211917	19.148	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	251343	19.623	ug/l	99
85) sec-Butylbenzene	13.390	105	336404	19.846	ug/l	99
86) p-Isopropyltoluene	13.508	119	271813	19.531	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	138931	20.106	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	138179	19.601	ug/l	99
89) n-Butylbenzene	13.832	91	263575	18.911	ug/l	99
90) Hexachloroethane	14.102	117	53870	19.564	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	120216	20.299	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	10578	23.960	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	68495	20.069	ug/l	99
94) Hexachlorobutadiene	15.255	225	40102	20.043	ug/l	97
95) Naphthalene	15.390	128	122479	20.269	ug/l	99
96) 1,2,3-Trichlorobenzene	15.584	180	59302	20.391	ug/l	97

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

