

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
 Data File : VD072013.D
 Acq On : 17 Feb 2022 16:30
 Operator : VA/SY
 Sample : VD0217SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0217SBS02

Quant Time: Feb 18 06:38:17 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/18/2022
 Supervised By :Mahesh Dadoda 02/21/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	412254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	663986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	633796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	344082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	259056	49.716	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.440%		
35) Dibromofluoromethane	7.908	113	263037	60.266	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	120.540%		
50) Toluene-d8	10.332	98	944876	57.967	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	115.940%		
62) 4-Bromofluorobenzene	12.626	95	364914	64.107	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	128.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	95448	19.524	ug/l	100
3) Chloromethane	2.209	50	86061	14.704	ug/l	95
4) Vinyl Chloride	2.350	62	78772	12.855	ug/l	98
5) Bromomethane	2.750	94	54382	13.451	ug/l	90
6) Chloroethane	2.909	64	51951	13.378	ug/l	99
7) Trichlorofluoromethane	3.267	101	156903	17.867	ug/l	97
8) Diethyl Ether	3.709	74	44414	19.168	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	99050	19.993	ug/l	94
10) Methyl Iodide	4.297	142	90475	17.813	ug/l	98
11) Tert butyl alcohol	5.208	59	30349	67.419	ug/l	98
12) 1,1-Dichloroethene	4.067	96	82393	18.192	ug/l	96
13) Acrolein	3.926	56	52032	112.426	ug/l	97
14) Allyl chloride	4.714	41	149906	17.364	ug/l	93
15) Acrylonitrile	5.414	53	124339	105.582	ug/l	97
16) Acetone	4.150	43	120184	84.258	ug/l	98
17) Carbon Disulfide	4.409	76	204855	12.972	ug/l	100
18) Methyl Acetate	4.714	43	63096	20.460	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	219805	20.286	ug/l	98
20) Methylene Chloride	4.956	84	109971	18.788	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	97141	18.424	ug/l	89
22) Diisopropyl ether	6.361	45	336020	19.858	ug/l	96
23) Vinyl Acetate	6.303	43	828857	88.795	ug/l	96
24) 1,1-Dichloroethane	6.255	63	196600	19.934	ug/l	98
25) 2-Butanone	7.208	43	157922	94.972	ug/l	93
26) 2,2-Dichloropropane	7.208	77	150672	18.461	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	118582	20.939	ug/l	92
28) Bromochloromethane	7.544	49	56848	15.282	ug/l	91
29) Tetrahydrofuran	7.555	42	94960	96.516	ug/l	95
30) Chloroform	7.708	83	205488	20.394	ug/l	99
31) Cyclohexane	7.985	56	160265	16.111	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	167861	18.888	ug/l	99
36) 1,1-Dichloropropene	8.108	75	139238	18.587	ug/l	98
37) Ethyl Acetate	7.285	43	68387	19.635	ug/l	95
38) Carbon Tetrachloride	8.097	117	144798	19.546	ug/l	97
39) Methylcyclohexane	9.349	83	154996	17.857	ug/l	99
40) Benzene	8.344	78	409025	20.227	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	28725	14.579	ug/l #	60
42) 1,2-Dichloroethane	8.420	62	127416	19.955	ug/l	98
43) Isopropyl Acetate	8.449	43	122614	19.588	ug/l	96
44) Trichloroethene	9.108	130	114032	21.841	ug/l	93
45) 1,2-Dichloropropane	9.379	63	111190	21.325	ug/l	93
46) Dibromomethane	9.467	93	57427	21.035	ug/l	94
47) Bromodichloromethane	9.655	83	153795	21.301	ug/l	99
48) Methyl methacrylate	9.449	41	64180	19.373	ug/l	94
49) 1,4-Dioxane	9.455	88	14268	457.878	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	336008	102.574	ug/l	97
52) Toluene	10.396	92	265642	21.126	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	130282	19.646	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	159365	20.502	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	83611	23.076	ug/l	97
56) Ethyl methacrylate	10.655	69	97893	21.821	ug/l	87
57) 1,3-Dichloropropane	10.938	76	144206	22.293	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	231108	109.435	ug/l	99
59) 2-Hexanone	10.979	43	244917	103.011	ug/l	98
60) Dibromochloromethane	11.132	129	102024	22.802	ug/l	99
61) 1,2-Dibromoethane	11.238	107	76871	22.020	ug/l	99
64) Tetrachloroethene	10.867	164	94615	21.104	ug/l	96
65) Chlorobenzene	11.661	112	293701	21.904	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	108720	22.288	ug/l	98
67) Ethyl Benzene	11.738	91	503641	20.413	ug/l	98
68) m/p-Xylenes	11.849	106	398369	42.450	ug/l	98
69) o-Xylene	12.173	106	187799	22.021	ug/l	95
70) Styrene	12.185	104	329640	22.425	ug/l	98
71) Bromoform	12.349	173	63213	24.271	ug/l #	98
73) Isopropylbenzene	12.473	105	504480	18.934	ug/l	98
74) N-amyl acetate	12.279	43	116551	17.788	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	97894	19.854	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	61722m	17.021	ug/l	
77) Bromobenzene	12.749	156	119935	20.236	ug/l	92
78) n-propylbenzene	12.808	91	624571	18.695	ug/l	99
79) 2-Chlorotoluene	12.896	91	364802	19.269	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	452048	20.455	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	23064	15.639	ug/l	96
82) 4-Chlorotoluene	12.996	91	379443	19.264	ug/l	98
83) tert-Butylbenzene	13.214	119	366683	20.021	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	440658	20.270	ug/l	99
85) sec-Butylbenzene	13.390	105	562618	19.632	ug/l	98
86) p-Isopropyltoluene	13.502	119	466065	20.013	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	244432	20.310	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	244246	20.335	ug/l	99
89) n-Butylbenzene	13.832	91	442911	19.385	ug/l	100
90) Hexachloroethane	14.096	117	92332	19.947	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	213526	20.732	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	14609	17.891	ug/l	81
93) 1,2,4-Trichlorobenzene	15.143	180	129879	21.587	ug/l	98
94) Hexachlorobutadiene	15.249	225	75099	22.892	ug/l	99
95) Naphthalene	15.384	128	234299	20.486	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	114825	22.266	ug/l	99

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

