

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
 Data File : VD072007.D
 Acq On : 17 Feb 2022 12:02
 Operator : VA/SY
 Sample : VD0217SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0217SBS01

Quant Time: Feb 18 06:35:40 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	7.979	168	287840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	499599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	471100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	243531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197993	54.421	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.840%			
35) Dibromofluoromethane	7.914	113	185606	56.518	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.040%			
50) Toluene-d8	10.338	98	647212	52.770	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.540%			
62) 4-Bromofluorobenzene	12.620	95	232882	54.374	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	74697	21.884	ug/l	99
3) Chloromethane	2.215	50	89137	21.812	ug/l	98
4) Vinyl Chloride	2.350	62	110942	25.931	ug/l	100
5) Bromomethane	2.756	94	80300	28.446	ug/l	97
6) Chloroethane	2.915	64	76502	28.216	ug/l	97
7) Trichlorofluoromethane	3.279	101	123517	20.145	ug/l	94
8) Diethyl Ether	3.709	74	32903	20.338	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.097	101	75188	21.736	ug/l	97
10) Methyl Iodide	4.309	142	53553	15.101	ug/l	94
11) Tert butyl alcohol	5.220	59	21955	71.653	ug/l #	88
12) 1,1-Dichloroethene	4.067	96	62273	19.692	ug/l	92
13) Acrolein	3.926	56	34138	105.645	ug/l	95
14) Allyl chloride	4.714	41	119804	19.875	ug/l	96
15) Acrylonitrile	5.420	53	90879	110.525	ug/l	98
16) Acetone	4.162	43	92835	93.216	ug/l	95
17) Carbon Disulfide	4.409	76	157384	14.273	ug/l	97
18) Methyl Acetate	4.720	43	48244	22.405	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	156438	20.679	ug/l	98
20) Methylene Chloride	4.967	84	78259	19.227	ug/l	94
21) trans-1,2-Dichloroethene	5.479	96	69180	18.792	ug/l	95
22) Diisopropyl ether	6.367	45	264214	22.364	ug/l	98
23) Vinyl Acetate	6.309	43	690620	105.965	ug/l	100
24) 1,1-Dichloroethane	6.267	63	154551	22.444	ug/l	95
25) 2-Butanone	7.214	43	123892	106.711	ug/l	99
26) 2,2-Dichloropropane	7.203	77	120330	21.116	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	81783	20.683	ug/l	98
28) Bromochloromethane	7.544	49	48533	18.686	ug/l	98
29) Tetrahydrofuran	7.567	42	72380	105.364	ug/l	98
30) Chloroform	7.703	83	153899	21.876	ug/l	91
31) Cyclohexane	7.985	56	126404	18.199	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	129976	20.946	ug/l	96
36) 1,1-Dichloropropene	8.108	75	112629	19.982	ug/l	98
37) Ethyl Acetate	7.291	43	56966	21.738	ug/l	99
38) Carbon Tetrachloride	8.097	117	112283	20.144	ug/l	97
39) Methylcyclohexane	9.355	83	117188	17.943	ug/l	97
40) Benzene	8.350	78	296896	19.513	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	34505	23.274	ug/l #	92
42) 1,2-Dichloroethane	8.420	62	96739	20.135	ug/l	100
43) Isopropyl Acetate	8.450	43	103817	22.042	ug/l	98
44) Trichloroethene	9.108	130	77560	19.743	ug/l	99
45) 1,2-Dichloropropane	9.385	63	85557	21.808	ug/l #	88
46) Dibromomethane	9.473	93	43436	21.145	ug/l	95
47) Bromodichloromethane	9.655	83	117476	21.624	ug/l	99
48) Methyl methacrylate	9.450	41	51843	20.798	ug/l	98
49) 1,4-Dioxane	9.467	88	10083	430.045	ug/l #	91
51) 4-Methyl-2-Pentanone	10.220	43	273811	111.090	ug/l	97
52) Toluene	10.397	92	191098	20.198	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	101573	20.357	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	118571	20.273	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	59070	21.667	ug/l	94
56) Ethyl methacrylate	10.655	69	68434	20.274	ug/l	98
57) 1,3-Dichloropropane	10.938	76	104279	21.425	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	171081	107.666	ug/l	99
59) 2-Hexanone	10.979	43	186877	104.462	ug/l	94
60) Dibromochloromethane	11.132	129	71279	21.173	ug/l	97
61) 1,2-Dibromoethane	11.238	107	54289	20.668	ug/l	100
64) Tetrachloroethene	10.873	164	62165	18.655	ug/l	95
65) Chlorobenzene	11.661	112	199579	20.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	77638	21.413	ug/l	97
67) Ethyl Benzene	11.738	91	357678	19.504	ug/l	100
68) m/p-Xylenes	11.844	106	272639	39.086	ug/l	98
69) o-Xylene	12.173	106	124509	19.642	ug/l	99
70) Styrene	12.185	104	223844	20.487	ug/l	98
71) Bromoform	12.355	173	39379	20.342	ug/l #	96
73) Isopropylbenzene	12.473	105	348092	18.459	ug/l	99
74) N-amyl acetate	12.279	43	91466	19.723	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	70628	20.239	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	47694m	18.583	ug/l	
77) Bromobenzene	12.749	156	76957	18.346	ug/l	98
78) n-propylbenzene	12.814	91	451509	19.095	ug/l	100
79) 2-Chlorotoluene	12.896	91	251536	18.772	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	302930	19.367	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	17347	16.619	ug/l	88
82) 4-Chlorotoluene	12.996	91	264413	18.967	ug/l	100
83) tert-Butylbenzene	13.214	119	248477	19.168	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	298326	19.389	ug/l	100
85) sec-Butylbenzene	13.390	105	395502	19.499	ug/l	100
86) p-Isopropyltoluene	13.502	119	315817	19.161	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	161063	18.908	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	160751	18.909	ug/l	97
89) n-Butylbenzene	13.832	91	324198	20.048	ug/l	96
90) Hexachloroethane	14.096	117	65877	20.108	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	141328	19.388	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11150	19.292	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	79409	18.648	ug/l	99
94) Hexachlorobutadiene	15.249	225	45327	19.521	ug/l	98
95) Naphthalene	15.384	128	148762	18.527	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	68126	18.665	ug/l	99

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

