

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071817.D
 Acq On : 28 Jan 2022 12:01
 Operator : VA/SY
 Sample : VD0128SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0128SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/31/2022
 Supervised By : Mahesh Dadoda 01/31/2022

Quant Time: Jan 29 04:50:20 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	391134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	651186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	601309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	284477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	291041	58.871	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.740%			
35) Dibromofluoromethane	7.914	113	257126	60.070	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.140%			
50) Toluene-d8	10.338	98	990097	61.935	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 123.880%			
62) 4-Bromofluorobenzene	12.626	95	331467	59.376	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	107466	23.170	ug/l	97
3) Chloromethane	2.209	50	126065	22.702	ug/l	98
4) Vinyl Chloride	2.350	62	122892	21.138	ug/l	99
5) Bromomethane	2.762	94	79477	20.719	ug/l	99
6) Chloroethane	2.920	64	76278	20.703	ug/l	98
7) Trichlorofluoromethane	3.273	101	179978	21.601	ug/l	93
8) Diethyl Ether	3.715	74	43376	19.731	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	103328	21.982	ug/l	98
10) Methyl Iodide	4.297	142	82729	17.168	ug/l	96
11) Tert butyl alcohol	5.214	59	41453	118.971	ug/l #	87
12) 1,1-Dichloroethene	4.073	96	90464	21.052	ug/l	99
13) Acrolein	3.926	56	47715	108.665	ug/l	100
14) Allyl chloride	4.714	41	172619	21.074	ug/l	98
15) Acrylonitrile	5.420	53	107889	96.560	ug/l	99
16) Acetone	4.162	43	120034	88.697	ug/l	96
17) Carbon Disulfide	4.414	76	317533	21.192	ug/l	97
18) Methyl Acetate	4.714	43	54500	18.626	ug/l #	74
19) Methyl tert-butyl Ether	5.485	73	208498	20.282	ug/l	94
20) Methylene Chloride	4.962	84	106428	19.245	ug/l	90
21) trans-1,2-Dichloroethene	5.479	96	103889	20.767	ug/l	94
22) Diisopropyl ether	6.361	45	341241	21.256	ug/l #	98
23) Vinyl Acetate	6.308	43	882056	99.597	ug/l	100
24) 1,1-Dichloroethane	6.261	63	198217	21.183	ug/l	99
25) 2-Butanone	7.208	43	149932	95.035	ug/l	99
26) 2,2-Dichloropropane	7.214	77	162739	21.016	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	112602	20.957	ug/l	98
28) Bromochloromethane	7.550	49	63605	18.022	ug/l	98
29) Tetrahydrofuran	7.567	42	92824	99.439	ug/l	98
30) Chloroform	7.708	83	200229	20.945	ug/l	98
31) Cyclohexane	7.985	56	191492	20.289	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	178672	21.190	ug/l	98
36) 1,1-Dichloropropene	8.114	75	154507	21.031	ug/l	98
37) Ethyl Acetate	7.297	43	67647	19.805	ug/l	96
38) Carbon Tetrachloride	8.091	117	158167	21.770	ug/l	96
39) Methylcyclohexane	9.355	83	177316	20.830	ug/l	99
40) Benzene	8.350	78	423976	21.379	ug/l	100

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41) Methacrylonitrile	7.520	41	34443	17.824	ug/l	87
42) 1,2-Dichloroethane	8.420	62	134513	21.480	ug/l	98
43) Isopropyl Acetate	8.450	43	121640	19.814	ug/l	99
44) Trichloroethene	9.108	130	107956	21.083	ug/l	100
45) 1,2-Dichloropropane	9.385	63	106124	20.754	ug/l	99
46) Dibromomethane	9.473	93	55273	20.644	ug/l	98
47) Bromodichloromethane	9.661	83	150643	21.274	ug/l	98
48) Methyl methacrylate	9.455	41	62534	19.247	ug/l	97
49) 1,4-Dioxane	9.461	88	11209	366.782	ug/l #	92
51) 4-Methyl-2-Pentanone	10.226	43	319672	99.505	ug/l	99
52) Toluene	10.397	92	266620	21.620	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	134334	20.655	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	159912	20.976	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	73956	20.812	ug/l	95
56) Ethyl methacrylate	10.655	69	87250	19.831	ug/l	98
57) 1,3-Dichloropropane	10.938	76	130743	20.609	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	207878	100.370	ug/l	98
59) 2-Hexanone	10.979	43	220294	94.476	ug/l	98
60) Dibromochloromethane	11.138	129	88986	20.279	ug/l	98
61) 1,2-Dibromoethane	11.238	107	69131	20.192	ug/l	96
64) Tetrachloroethene	10.873	164	89054	20.937	ug/l	92
65) Chlorobenzene	11.667	112	269151	21.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	96419	20.834	ug/l	98
67) Ethyl Benzene	11.738	91	494969	21.146	ug/l	99
68) m/p-Xylenes	11.849	106	381636	42.864	ug/l	99
69) o-Xylene	12.173	106	171133	21.151	ug/l	97
70) Styrene	12.185	104	291150	20.877	ug/l	99
71) Bromoform	12.355	173	49270	19.940	ug/l #	98
73) Isopropylbenzene	12.473	105	452569	20.545	ug/l	99
74) N-amyl acetate	12.279	43	107275	19.802	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	79904	19.601	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	57831m	19.290	ug/l	
77) Bromobenzene	12.755	156	102710	20.961	ug/l	96
78) n-propylbenzene	12.814	91	583566	21.127	ug/l	99
79) 2-Chlorotoluene	12.902	91	330380	21.107	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	386639	21.161	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	23410	19.199	ug/l	100
82) 4-Chlorotoluene	12.996	91	346425	21.273	ug/l	99
83) tert-Butylbenzene	13.214	119	314849	20.792	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	383207	21.321	ug/l	99
85) sec-Butylbenzene	13.390	105	495910	20.930	ug/l	100
86) p-Isopropyltoluene	13.508	119	408869	21.236	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	207642	20.868	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	204305	20.574	ug/l	99
89) n-Butylbenzene	13.832	91	395849	20.956	ug/l	99
90) Hexachloroethane	14.102	117	78800	20.590	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	174822	20.531	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12561	18.606	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	97872	19.675	ug/l	99
94) Hexachlorobutadiene	15.255	225	56409	20.797	ug/l	97
95) Naphthalene	15.384	128	171649	18.318	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	84408	19.797	ug/l	98

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

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