

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072049.D
 Acq On : 22 Feb 2022 11:21
 Operator : VA/SY
 Sample : VD0222SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

Quant Time: Feb 23 05:28:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Mahesh Dadoda 02/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	459959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	743505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	686078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	338379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	252481	52.918	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.840%			
35) Dibromofluoromethane	7.914	113	245423	54.482	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.960%			
50) Toluene-d8	10.338	98	957816	57.336	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.680%			
62) 4-Bromofluorobenzene	12.626	95	334259	54.472	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	81894	18.884	ug/l	96
3) Chloromethane	2.209	50	68835	17.713	ug/l	98
4) Vinyl Chloride	2.350	62	69018	17.629	ug/l	96
5) Bromomethane	2.756	94	47724	18.104	ug/l	93
6) Chloroethane	2.920	64	43648	17.639	ug/l	98
7) Trichlorofluoromethane	3.267	101	144131	19.029	ug/l	98
8) Diethyl Ether	3.714	74	40864	18.925	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	90049	19.029	ug/l	97
10) Methyl Iodide	4.303	142	64500	14.557	ug/l	98
11) Tert butyl alcohol	5.220	59	26015	95.564	ug/l #	92
12) 1,1-Dichloroethene	4.061	96	73649	17.522	ug/l	97
13) Acrolein	3.920	56	47466	88.423	ug/l	99
14) Allyl chloride	4.708	41	130271	17.684	ug/l	98
15) Acrylonitrile	5.420	53	108952	93.360	ug/l	99
16) Acetone	4.156	43	91909	89.134	ug/l	99
17) Carbon Disulfide	4.408	76	167141	14.758	ug/l	98
18) Methyl Acetate	4.720	43	54341	20.056	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	194345	19.006	ug/l	100
20) Methylene Chloride	4.967	84	92223	17.971	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	81567	17.270	ug/l	99
22) Diisopropyl ether	6.367	45	283205	18.411	ug/l	99
23) Vinyl Acetate	6.302	43	726487	88.440	ug/l	99
24) 1,1-Dichloroethane	6.261	63	169970	18.574	ug/l	100
25) 2-Butanone	7.208	43	131131	92.013	ug/l	93
26) 2,2-Dichloropropane	7.208	77	139658	19.072	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	99107	18.315	ug/l	98
28) Bromochloromethane	7.538	49	70569	18.089	ug/l	99
29) Tetrahydrofuran	7.561	42	80919	88.968	ug/l	97
30) Chloroform	7.708	83	180501	19.211	ug/l	98
31) Cyclohexane	7.979	56	137030	16.260	ug/l	94
32) 1,1,1-Trichloroethane	7.896	97	153545	18.990	ug/l	98
36) 1,1-Dichloropropene	8.108	75	121597	17.820	ug/l	98
37) Ethyl Acetate	7.291	43	59236	18.721	ug/l	98
38) Carbon Tetrachloride	8.091	117	132337	18.922	ug/l	98
39) Methylcyclohexane	9.349	83	131029	16.407	ug/l	96
40) Benzene	8.349	78	354858	18.430	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	33658	17.153	ug/l	93
42) 1,2-Dichloroethane	8.420	62	111513	19.307	ug/l	99
43) Isopropyl Acetate	8.449	43	107901	18.312	ug/l	98
44) Trichloroethene	9.108	130	98548	18.779	ug/l	94
45) 1,2-Dichloropropane	9.385	63	93527	18.210	ug/l	93
46) Dibromomethane	9.467	93	51799	19.111	ug/l	96
47) Bromodichloromethane	9.655	83	137348	19.644	ug/l	98
48) Methyl methacrylate	9.449	41	55109	18.515	ug/l	93
49) 1,4-Dioxane	9.461	88	12739	396.190	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	306853	98.263	ug/l	100
52) Toluene	10.396	92	233265	18.931	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	122828	19.208	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	140896	18.617	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	74978	19.657	ug/l	98
56) Ethyl methacrylate	10.655	69	83697	18.375	ug/l	97
57) 1,3-Dichloropropane	10.943	76	126422	19.176	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	192282	94.358	ug/l	99
59) 2-Hexanone	10.979	43	204421	95.973	ug/l	99
60) Dibromochloromethane	11.132	129	94604	19.861	ug/l	98
61) 1,2-Dibromoethane	11.243	107	68477	18.786	ug/l	100
64) Tetrachloroethene	10.873	164	82380	19.019	ug/l	93
65) Chlorobenzene	11.661	112	257218	19.344	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	101111	20.488	ug/l	99
67) Ethyl Benzene	11.737	91	447965	19.159	ug/l	100
68) m/p-Xylenes	11.849	106	349019	38.994	ug/l	100
69) o-Xylene	12.173	106	161158	19.140	ug/l	99
70) Styrene	12.185	104	284190	19.668	ug/l	99
71) Bromoform	12.355	173	56394	19.924	ug/l #	98
73) Isopropylbenzene	12.473	105	449569	19.350	ug/l	99
74) N-amyl acetate	12.279	43	105327	18.774	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	88532	19.273	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	60936m	19.012	ug/l	
77) Bromobenzene	12.749	156	105632	19.415	ug/l	98
78) n-propylbenzene	12.814	91	557146	19.510	ug/l	98
79) 2-Chlorotoluene	12.896	91	326643	19.763	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	393347	20.276	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	23977	18.733	ug/l	99
82) 4-Chlorotoluene	12.996	91	337262	19.606	ug/l	99
83) tert-Butylbenzene	13.214	119	330889	19.851	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	388129	20.352	ug/l	99
85) sec-Butylbenzene	13.390	105	507862	20.001	ug/l	100
86) p-Isopropyltoluene	13.508	119	415948	19.917	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	221147	20.108	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	221336	20.029	ug/l	98
89) n-Butylbenzene	13.831	91	399355	20.110	ug/l	99
90) Hexachloroethane	14.102	117	83599	19.943	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	196654	20.390	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	14672	20.503	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	119308	20.139	ug/l	99
94) Hexachlorobutadiene	15.249	225	65179	20.008	ug/l	97
95) Naphthalene	15.384	128	208805	19.415	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	106166	20.776	ug/l	99

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

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