

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012022\
 Data File : VD071764.D
 Acq On : 20 Jan 2022 16:54
 Operator : VA/SY
 Sample : VD0120SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBS02

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

Quant Time: Jan 21 03:16:29 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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	281315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	479211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	453539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	226618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	190562	52.645	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.300%			
35) Dibromofluoromethane	7.909	113	166291	52.508	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.020%			
50) Toluene-d8	10.332	98	605665	51.089	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.180%			
62) 4-Bromofluorobenzene	12.620	95	214037	51.237	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	40581	18.693	ug/l	94
3) Chloromethane	2.209	50	56702	19.655	ug/l	97
4) Vinyl Chloride	2.350	62	68176	19.492	ug/l	94
5) Bromomethane	2.750	94	50259	21.108	ug/l	89
6) Chloroethane	2.915	64	50666	20.327	ug/l	96
7) Trichlorofluoromethane	3.274	101	97620	19.688	ug/l	95
8) Diethyl Ether	3.703	74	25306	19.405	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.097	101	57208	19.740	ug/l	97
10) Methyl Iodide	4.297	142	38858	14.023	ug/l	98
11) Tert butyl alcohol	5.215	59	36093	174.365	ug/l #	86
12) 1,1-Dichloroethene	4.068	96	46502	18.491	ug/l	93
13) Acrolein	3.915	56	29357	83.095	ug/l	97
14) Allyl chloride	4.715	41	97081	19.468	ug/l	98
15) Acrylonitrile	5.409	53	79459	115.294	ug/l	98
16) Acetone	4.156	43	93287	111.627	ug/l	99
17) Carbon Disulfide	4.409	76	107699	17.374	ug/l	100
18) Methyl Acetate	4.715	43	60350	24.936	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	137426	20.701	ug/l	97
20) Methylene Chloride	4.962	84	74441	22.655	ug/l	94
21) trans-1,2-Dichloroethene	5.468	96	54012	18.807	ug/l	99
22) Diisopropyl ether	6.356	45	215828	20.100	ug/l	92
23) Vinyl Acetate	6.297	43	508720	101.521	ug/l	99
24) 1,1-Dichloroethane	6.262	63	123935	20.221	ug/l	97
25) 2-Butanone	7.209	43	120909	122.454	ug/l	95
26) 2,2-Dichloropropane	7.203	77	99270	19.288	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	67153	19.810	ug/l	99
28) Bromochloromethane	7.538	49	59742	20.009	ug/l	99
29) Tetrahydrofuran	7.562	42	65005	114.441	ug/l	99
30) Chloroform	7.703	83	129025	20.586	ug/l	94
31) Cyclohexane	7.979	56	95701	19.298	ug/l #	94
32) 1,1,1-Trichloroethane	7.897	97	108986	19.729	ug/l	98
36) 1,1-Dichloropropene	8.103	75	86432	19.132	ug/l	99
37) Ethyl Acetate	7.291	43	46973	22.403	ug/l	97
38) Carbon Tetrachloride	8.091	117	93244	20.381	ug/l	95
39) Methylcyclohexane	9.350	83	85510	17.524	ug/l	98
40) Benzene	8.344	78	242125	19.452	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	24747	19.841	ug/l	88
42) 1,2-Dichloroethane	8.420	62	87436	20.752	ug/l	98
43) Isopropyl Acetate	8.444	43	88850	22.512	ug/l	99
44) Trichloroethene	9.109	130	62111	19.390	ug/l	97
45) 1,2-Dichloropropane	9.385	63	69166	20.556	ug/l	93
46) Dibromomethane	9.467	93	36422	21.148	ug/l	97
47) Bromodichloromethane	9.650	83	99816	21.110	ug/l	96
48) Methyl methacrylate	9.450	41	44098	22.110	ug/l	96
49) 1,4-Dioxane	9.456	88	8668	502.011	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	247365	118.653	ug/l	99
52) Toluene	10.397	92	164325	20.973	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	90805	21.892	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	100345	20.518	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	50731	22.469	ug/l	95
56) Ethyl methacrylate	10.655	69	61418	22.193	ug/l	94
57) 1,3-Dichloropropane	10.938	76	88536	21.220	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	170132	111.360	ug/l	98
59) 2-Hexanone	10.979	43	169944	116.712	ug/l	97
60) Dibromochloromethane	11.132	129	64731	22.524	ug/l	97
61) 1,2-Dibromoethane	11.238	107	46433	21.496	ug/l	96
64) Tetrachloroethene	10.867	164	52613	19.749	ug/l	89
65) Chlorobenzene	11.661	112	170935	19.695	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	66369	20.168	ug/l	97
67) Ethyl Benzene	11.738	91	301084	18.897	ug/l	96
68) m/p-Xylenes	11.844	106	230777	38.944	ug/l	97
69) o-Xylene	12.173	106	107121	19.099	ug/l	96
70) Styrene	12.185	104	191280	19.896	ug/l	99
71) Bromoform	12.350	173	36798	22.901	ug/l #	100
73) Isopropylbenzene	12.473	105	293548	18.025	ug/l	97
74) N-amyl acetate	12.279	43	84408	21.129	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	61116	21.178	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	40469m	18.481	ug/l	
77) Bromobenzene	12.749	156	65190	18.531	ug/l	94
78) n-propylbenzene	12.808	91	378731	18.491	ug/l	100
79) 2-Chlorotoluene	12.897	91	215945	18.707	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	249662	18.348	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	16643	21.189	ug/l	97
82) 4-Chlorotoluene	12.997	91	227747	19.017	ug/l	99
83) tert-Butylbenzene	13.214	119	213390	18.353	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	252263	18.747	ug/l	100
85) sec-Butylbenzene	13.391	105	326356	18.326	ug/l	100
86) p-Isopropyltoluene	13.502	119	273557	18.709	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	142373	19.611	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	143797	19.415	ug/l	98
89) n-Butylbenzene	13.832	91	270908	18.501	ug/l	99
90) Hexachloroethane	14.096	117	56309	19.465	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	123872	19.909	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	10098	21.771	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	70478	19.656	ug/l	99
94) Hexachlorobutadiene	15.255	225	40029	19.043	ug/l	99
95) Naphthalene	15.385	128	127320	20.055	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	60154	19.688	ug/l	99

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

