

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071652.D
 Acq On : 10 Jan 2022 11:29
 Operator : VA/SY
 Sample : VD0110SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBS02

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jan 11 04:06:40 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

01/12/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	305032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	521118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	481691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	227772	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	199261	50.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.540%	
35) Dibromofluoromethane	7.914	113	171057	49.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.340%	
50) Toluene-d8	10.338	98	639148	49.578	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.160%	
62) 4-Bromofluorobenzene	12.626	95	221486	48.756	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	53939	23.040	ug/l	97
3) Chloromethane	2.215	50	67704	21.751	ug/l	93
4) Vinyl Chloride	2.356	62	78738	20.761	ug/l	90
5) Bromomethane	2.762	94	58060	22.534	ug/l	96
6) Chloroethane	2.921	64	55085	20.381	ug/l	98
7) Trichlorofluoromethane	3.279	101	115173	21.422	ug/l	94
8) Diethyl Ether	3.709	74	32199	22.771	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.103	101	68178	21.696	ug/l	99
10) Methyl Iodide	4.303	142	58425	19.445	ug/l	98
11) Tert butyl alcohol	5.209	59	33677	129.544	ug/l #	93
12) 1,1-Dichloroethene	4.079	96	57361	21.035	ug/l	93
13) Acrolein	3.920	56	39987	104.382	ug/l	100
14) Allyl chloride	4.720	41	118163	21.853	ug/l	99
15) Acrylonitrile	5.420	53	91087	121.890	ug/l	99
16) Acetone	4.156	43	100051	110.412	ug/l	96
17) Carbon Disulfide	4.415	76	145742	21.565	ug/l	96
18) Methyl Acetate	4.720	43	69028	26.327	ug/l	95
19) Methyl tert-butyl Ether	5.485	73	164517	22.855	ug/l #	90
20) Methylene Chloride	4.967	84	75464	21.000	ug/l	98
21) trans-1,2-Dichloroethene	5.479	96	66307	21.293	ug/l	93
22) Diisopropyl ether	6.367	45	254973	21.899	ug/l	99
23) Vinyl Acetate	6.309	43	613607	112.932	ug/l	99
24) 1,1-Dichloroethane	6.267	63	140346	21.118	ug/l	97
25) 2-Butanone	7.214	43	119546	111.659	ug/l #	91
26) 2,2-Dichloropropane	7.209	77	118626	21.257	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	79048	21.506	ug/l	99
28) Bromochloromethane	7.550	49	64707	19.987	ug/l	96
29) Tetrahydrofuran	7.561	42	74194	120.463	ug/l	98
30) Chloroform	7.708	83	147049	21.638	ug/l	97
31) Cyclohexane	7.985	56	119261	22.131	ug/l #	97
32) 1,1,1-Trichloroethane	7.908	97	126380	21.099	ug/l	99
36) 1,1-Dichloropropene	8.108	75	103332	21.034	ug/l	99
37) Ethyl Acetate	7.297	43	53519	23.473	ug/l #	93
38) Carbon Tetrachloride	8.103	117	108303	21.769	ug/l	97
39) Methylcyclohexane	9.355	83	113144	21.322	ug/l	98
40) Benzene	8.350	78	286010	21.130	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	33640	24.520	ug/l	97
42) 1,2-Dichloroethane	8.420	62	98104	21.411	ug/l	98
43) Isopropyl Acetate	8.450	43	103832	24.192	ug/l	100
44) Trichloroethene	9.108	130	73145	20.998	ug/l	96
45) 1,2-Dichloropropane	9.385	63	77383	21.149	ug/l	97
46) Dibromomethane	9.473	93	42269	22.569	ug/l	99
47) Bromodichloromethane	9.661	83	114054	22.181	ug/l	98
48) Methyl methacrylate	9.450	41	49932	23.022	ug/l	94
49) 1,4-Dioxane	9.455	88	8411	447.953	ug/l #	85
51) 4-Methyl-2-Pentanone	10.220	43	268091	118.254	ug/l	99
52) Toluene	10.402	92	181712	21.327	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	99958	22.161	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	119248	22.422	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	58027	23.634	ug/l	95
56) Ethyl methacrylate	10.655	69	67716	22.501	ug/l	98
57) 1,3-Dichloropropane	10.944	76	100996	22.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	195417	117.624	ug/l	99
59) 2-Hexanone	10.979	43	185995	117.463	ug/l	99
60) Dibromochloromethane	11.132	129	71599	22.910	ug/l	100
61) 1,2-Dibromoethane	11.244	107	52280	22.256	ug/l	100
64) Tetrachloroethene	10.873	164	60317	21.317	ug/l	91
65) Chlorobenzene	11.667	112	195381	21.196	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.738	131	73019	20.892	ug/l	98
67) Ethyl Benzene	11.738	91	359588	21.250	ug/l	97
68) m/p-Xylenes	11.849	106	270255	42.940	ug/l	99
69) o-Xylene	12.173	106	124672	20.929	ug/l	99
70) Styrene	12.191	104	218729	21.422	ug/l	98
71) Bromoform	12.355	173	39598	23.203	ug/l #	99
73) Isopropylbenzene	12.473	105	346117	21.145	ug/l	99
74) N-amyl acetate	12.279	43	90171	22.458	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	67451	23.255	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	47816m	21.726	ug/l	
77) Bromobenzene	12.749	156	74811	21.159	ug/l	95
78) n-propylbenzene	12.814	91	436034	21.181	ug/l	100
79) 2-Chlorotoluene	12.902	91	246405	21.237	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	288851	21.120	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	18678	23.659	ug/l	98
82) 4-Chlorotoluene	12.996	91	254492	21.142	ug/l	98
83) tert-Butylbenzene	13.214	119	244550	20.926	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	289970	21.440	ug/l	97
85) sec-Butylbenzene	13.391	105	381739	21.327	ug/l	99
86) p-Isopropyltoluene	13.508	119	311926	21.226	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	157235	21.549	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	152778	20.524	ug/l	99
89) n-Butylbenzene	13.832	91	306216	20.807	ug/l	98
90) Hexachloroethane	14.102	117	63114	21.707	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	132757	21.229	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11269	24.173	ug/l	100
93) 1,2,4-Trichlorobenzene	15.143	180	78369	21.746	ug/l	98
94) Hexachlorobutadiene	15.255	225	44728	21.170	ug/l	97
95) Naphthalene	15.385	128	147237	23.075	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	70541	22.971	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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