

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080122\
 Data File : VD073913.D
 Acq On : 01 Aug 2022 14:08
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 02 04:53:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 04:48:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/02/2022
 Supervised By :Mahesh Dadoda 08/02/2022

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	213114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	337910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	315467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	165242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	243983	123.323	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 246.640%#			
35) Dibromofluoromethane	7.909	113	278083	132.453	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 264.900%#			
50) Toluene-d8	10.332	98	936700	132.451	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 264.900%#			
62) 4-Bromofluorobenzene	12.620	95	372708	143.310	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 286.620%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	276351	139.817	ug/l	99
3) Chloromethane	2.209	50	375535	138.681	ug/l	95
4) Vinyl Chloride	2.344	62	498116	149.163	ug/l	100
5) Bromomethane	2.738	94	367112	155.671	ug/l	99
6) Chloroethane	2.903	64	338689	144.206	ug/l	96
7) Trichlorofluoromethane	3.262	101	520756	145.467	ug/l	98
8) Diethyl Ether	3.703	74	129347	143.560	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	295840	139.408	ug/l	97
10) Methyl Iodide	4.291	142	384153	165.550	ug/l	100
11) Tert butyl alcohol	5.226	59	87329	535.103	ug/l	98
12) 1,1-Dichloroethene	4.062	96	281525	149.726	ug/l	93
13) Acrolein	3.915	56	103494	1028.657	ug/l	99
14) Allyl chloride	4.703	41	361148	142.057	ug/l	99
15) Acrylonitrile	5.415	53	271732	704.476	ug/l	100
16) Acetone	4.156	43	225422	609.634	ug/l	98
17) Carbon Disulfide	4.403	76	884043	161.459	ug/l	99
18) Methyl Acetate	4.709	43	128243	115.933	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	673958	148.048	ug/l	97
20) Methylene Chloride	4.956	84	333551	86.287	ug/l	97
21) trans-1,2-Dichloroethene	5.462	96	336892	150.342	ug/l	96
22) Diisopropyl ether	6.362	45	824889	149.445	ug/l	97
23) Vinyl Acetate	6.297	43	2367246	812.633	ug/l	99
24) 1,1-Dichloroethane	6.256	63	542333	145.254	ug/l	99
25) 2-Butanone	7.203	43	343524	660.458	ug/l	99
26) 2,2-Dichloropropane	7.203	77	536781	142.184	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	370508	146.867	ug/l	99
28) Bromochloromethane	7.538	49	179624	144.165	ug/l	98
29) Tetrahydrofuran	7.556	42	220198	724.548	ug/l	98
30) Chloroform	7.703	83	604748	142.146	ug/l	98
31) Cyclohexane	7.979	56	480085	145.477	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	585970	144.651	ug/l	98
36) 1,1-Dichloropropene	8.103	75	461912	154.474	ug/l	98
37) Ethyl Acetate	7.291	43	161180	144.733	ug/l	99
38) Carbon Tetrachloride	8.091	117	523246	156.206	ug/l	96
39) Methylcyclohexane	9.350	83	575311	164.142	ug/l	97
40) Benzene	8.344	78	1276303	155.548	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	83895	130.501	ug/l #	86
42) 1,2-Dichloroethane	8.414	62	362884	144.094	ug/l	99
43) Isopropyl Acetate	8.444	43	326530	148.069	ug/l	98
44) Trichloroethene	9.103	130	376556	152.337	ug/l	95
45) 1,2-Dichloropropane	9.379	63	296579	150.214	ug/l	99
46) Dibromomethane	9.467	93	187284	147.481	ug/l	98
47) Bromodichloromethane	9.650	83	466220	148.213	ug/l	99
48) Methyl methacrylate	9.450	41	152785	148.462	ug/l	97
49) 1,4-Dioxane	9.455	88	37405	2794.828	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	817554	742.556	ug/l	99
52) Toluene	10.397	92	897488	160.746	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	450859	155.702	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	512749	156.409	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	241067	147.594	ug/l	98
56) Ethyl methacrylate	10.650	69	294543	158.388	ug/l	97
57) 1,3-Dichloropropane	10.932	76	400599	151.547	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	595697	837.055	ug/l	99
59) 2-Hexanone	10.973	43	557162	747.834	ug/l	99
60) Dibromochloromethane	11.126	129	338309	153.519	ug/l	98
61) 1,2-Dibromoethane	11.232	107	250668	151.414	ug/l	99
64) Tetrachloroethene	10.867	164	323357	144.030	ug/l	99
65) Chlorobenzene	11.661	112	936831	149.800	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.732	131	360694	150.566	ug/l	97
67) Ethyl Benzene	11.732	91	1741970	157.704	ug/l	100
68) m/p-Xylenes	11.844	106	1409095	321.797	ug/l	100
69) o-Xylene	12.167	106	663730	161.839	ug/l	97
70) Styrene	12.185	104	1114441	160.882	ug/l	99
71) Bromoform	12.344	173	206213	156.730	ug/l #	99
73) Isopropylbenzene	12.467	105	1760175	154.485	ug/l	99
74) N-amyl acetate	12.273	43	333898	146.343	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	267589	137.867	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	178739m	119.474	ug/l	
77) Bromobenzene	12.749	156	404068	150.653	ug/l	98
78) n-propylbenzene	12.808	91	2100063	151.564	ug/l	100
79) 2-Chlorotoluene	12.891	91	1178681	148.706	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	1494508	154.394	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	88206	153.145	ug/l	100
82) 4-Chlorotoluene	12.991	91	1220899	146.945	ug/l	98
83) tert-Butylbenzene	13.208	119	1299912	154.234	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	1469551	153.676	ug/l	99
85) sec-Butylbenzene	13.385	105	1925575	150.992	ug/l	99
86) p-Isopropyltoluene	13.502	119	1679048	156.742	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	828405	147.904	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	806917	145.441	ug/l	99
89) n-Butylbenzene	13.826	91	1500236	151.885	ug/l	99
90) Hexachloroethane	14.091	117	302124	153.906	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	709801	148.221	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	44903	135.823	ug/l	96
93) 1,2,4-Trichlorobenzene	15.138	180	446014	149.776	ug/l	99
94) Hexachlorobutadiene	15.243	225	243416	150.456	ug/l	98
95) Naphthalene	15.379	128	843647	155.110	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	382383	148.555	ug/l	98

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

