

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062022\
 Data File : VD073635.D
 Acq On : 20 Jun 2022 16:03
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/21/2022
 Supervised By :Mahesh Dadoda 06/21/2022

Quant Time: Jun 21 05:05:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:00:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	288301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	449713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	428312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	213485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	431597	130.108	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 260.220%#			
35) Dibromofluoromethane	7.908	113	449255	137.706	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 275.420%#			
50) Toluene-d8	10.332	98	1715916	146.951	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 293.900%#			
62) 4-Bromofluorobenzene	12.620	95	621739	145.192	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 290.380%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	356710	128.457	ug/l	95
3) Chloromethane	2.209	50	354761	140.814	ug/l	97
4) Vinyl Chloride	2.344	62	343375	144.559	ug/l	98
5) Bromomethane	2.738	94	241462	130.232	ug/l	100
6) Chloroethane	2.903	64	226984	147.664	ug/l	98
7) Trichlorofluoromethane	3.262	101	755386	137.278	ug/l	98
8) Diethyl Ether	3.703	74	208886	145.513	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	445976	140.302	ug/l	97
10) Methyl Iodide	4.297	142	544661	176.887	ug/l	99
11) Tert butyl alcohol	5.220	59	145609	397.449	ug/l	99
12) 1,1-Dichloroethene	4.062	96	417195	150.151	ug/l	99
13) Acrolein	3.920	56	95981	986.347	ug/l	96
14) Allyl chloride	4.709	41	655469	163.947	ug/l	97
15) Acrylonitrile	5.414	53	436506	670.263	ug/l	99
16) Acetone	4.150	43	348885	661.563	ug/l	100
17) Carbon Disulfide	4.403	76	1177169	146.966	ug/l	99
18) Methyl Acetate	4.709	43	210807	124.912	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	955517	145.346	ug/l	98
20) Methylene Chloride	4.956	84	488845	115.777	ug/l	98
21) trans-1,2-Dichloroethene	5.462	96	454095	137.455	ug/l	97
22) Diisopropyl ether	6.361	45	1351170	150.627	ug/l	96
23) Vinyl Acetate	6.297	43	3695712	806.337	ug/l	100
24) 1,1-Dichloroethane	6.256	63	835708	139.135	ug/l	99
25) 2-Butanone	7.203	43	532170	693.208	ug/l	95
26) 2,2-Dichloropropane	7.203	77	784722	142.201	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	558893	146.655	ug/l	99
28) Bromochloromethane	7.538	49	321726	143.005	ug/l	98
29) Tetrahydrofuran	7.556	42	360508	757.192	ug/l	98
30) Chloroform	7.703	83	943035	138.684	ug/l	99
31) Cyclohexane	7.979	56	737928	146.210	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	846811	139.950	ug/l	99
36) 1,1-Dichloropropene	8.108	75	693286	151.716	ug/l	99
37) Ethyl Acetate	7.285	43	260148	147.961	ug/l	98
38) Carbon Tetrachloride	8.091	117	758941	146.230	ug/l	99
39) Methylcyclohexane	9.350	83	826665	163.262	ug/l	97
40) Benzene	8.344	78	1973846	149.326	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	156515	160.816	ug/l	97
42) 1,2-Dichloroethane	8.414	62	554132	140.338	ug/l	100
43) Isopropyl Acetate	8.444	43	510783	154.317	ug/l	99
44) Trichloroethene	9.108	130	551715	146.542	ug/l	99
45) 1,2-Dichloropropane	9.379	63	492216	148.178	ug/l	98
46) Dibromomethane	9.467	93	274363	145.448	ug/l	98
47) Bromodichloromethane	9.655	83	718369	146.341	ug/l	99
48) Methyl methacrylate	9.450	41	259754	155.035	ug/l	95
49) 1,4-Dioxane	9.455	88	58182	2783.417	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	1300211	765.118	ug/l	99
52) Toluene	10.397	92	1334293	154.437	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	685045	152.390	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	790452	150.393	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	374149	140.463	ug/l	98
56) Ethyl methacrylate	10.655	69	483347	164.434	ug/l	97
57) 1,3-Dichloropropane	10.938	76	649375	148.022	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	924626	782.178	ug/l	99
59) 2-Hexanone	10.973	43	895317	763.991	ug/l	98
60) Dibromochloromethane	11.132	129	503132	144.890	ug/l	98
61) 1,2-Dibromoethane	11.238	107	371772	145.690	ug/l	99
64) Tetrachloroethene	10.867	164	458916	144.742	ug/l	95
65) Chlorobenzene	11.661	112	1420465	148.520	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	537291	144.960	ug/l	99
67) Ethyl Benzene	11.738	91	2594219	159.543	ug/l	98
68) m/p-Xylenes	11.844	106	2007486	313.505	ug/l	99
69) o-Xylene	12.173	106	956124	160.200	ug/l	99
70) Styrene	12.185	104	1634866	159.735	ug/l	99
71) Bromoform	12.349	173	294041	145.696	ug/l #	100
73) Isopropylbenzene	12.467	105	2564430	166.479	ug/l	99
74) N-amyl acetate	12.279	43	506680	162.745	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	428027	147.763	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	316018m	157.279	ug/l	
77) Bromobenzene	12.749	156	576277	153.732	ug/l	99
78) n-propylbenzene	12.808	91	3083426	163.427	ug/l	99
79) 2-Chlorotoluene	12.896	91	1774246	160.323	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	2148286	163.298	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	143707	160.510	ug/l	99
82) 4-Chlorotoluene	12.991	91	1837477	155.562	ug/l	100
83) tert-Butylbenzene	13.214	119	1909223	167.652	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	2108162	162.451	ug/l	99
85) sec-Butylbenzene	13.390	105	2739220	161.761	ug/l	100
86) p-Isopropyltoluene	13.502	119	2302212	164.591	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	1156160	149.498	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	1135138	148.097	ug/l	99
89) n-Butylbenzene	13.826	91	2136531	162.455	ug/l	99
90) Hexachloroethane	14.096	117	458106	153.346	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	995268	149.173	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	63578	140.543	ug/l	86
93) 1,2,4-Trichlorobenzene	15.143	180	611738	157.394	ug/l	99
94) Hexachlorobutadiene	15.249	225	327660	148.759	ug/l	98
95) Naphthalene	15.384	128	1157934	171.474	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	528284	156.250	ug/l	98

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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

