

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010722\
 Data File : VD071646.D
 Acq On : 07 Jan 2022 13:24
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 07 13:33:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 13:04:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/07/2022
 Supervised By : Mahesh Dadoda 01/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	315874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	537372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	505232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	243285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	662175	163.783	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 327.560%#			
35) Dibromofluoromethane	7.914	113	569327	163.972	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 327.940%#			
50) Toluene-d8	10.338	98	2325273	177.401	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 354.800%#			
62) 4-Bromofluorobenzene	12.626	95	798265	175.904	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 351.800%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	366277	132.098	ug/l	100
3) Chloromethane	2.215	50	471555	129.733	ug/l	97
4) Vinyl Chloride	2.356	62	561570	137.575	ug/l	94
5) Bromomethane	2.756	94	404201	131.774	ug/l	98
6) Chloroethane	2.921	64	405116	140.717	ug/l	100
7) Trichlorofluoromethane	3.279	101	817841	141.827	ug/l	98
8) Diethyl Ether	3.709	74	226366	143.929	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	484634	144.810	ug/l	99
10) Methyl Iodide	4.303	142	558657	167.693	ug/l	100
11) Tert butyl alcohol	5.226	59	146423	424.951	ug/l	99
12) 1,1-Dichloroethene	4.073	96	429319	143.946	ug/l	91
13) Acrolein	3.921	56	322367	791.479	ug/l	99
14) Allyl chloride	4.721	41	914173	156.267	ug/l	100
15) Acrylonitrile	5.420	53	579300	718.252	ug/l	98
16) Acetone	4.156	43	727843	753.734	ug/l	97
17) Carbon Disulfide	4.415	76	1097036	137.818	ug/l	99
18) Methyl Acetate	4.721	43	417947	136.141	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	1188185	153.847	ug/l	99
20) Methylene Chloride	4.968	84	515815	83.996	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	496852	145.012	ug/l	98
22) Diisopropyl ether	6.367	45	1975312	157.673	ug/l	98
23) Vinyl Acetate	6.309	43	4931397	834.177	ug/l	98
24) 1,1-Dichloroethane	6.267	63	1070269	150.295	ug/l	99
25) 2-Butanone	7.209	43	841018	740.896	ug/l	96
26) 2,2-Dichloropropane	7.209	77	936354	156.672	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	616289	154.151	ug/l	99
28) Bromochloromethane	7.550	49	515434	155.881	ug/l	96
29) Tetrahydrofuran	7.562	42	484792	725.243	ug/l	98
30) Chloroform	7.709	83	1097280	150.423	ug/l	98
31) Cyclohexane	7.985	56	874398	136.353	ug/l	97
32) 1,1,1-Trichloroethane	7.909	97	971650	151.719	ug/l	98
36) 1,1-Dichloropropene	8.114	75	794140	151.578	ug/l	100
37) Ethyl Acetate	7.291	43	353849	152.332	ug/l	96
38) Carbon Tetrachloride	8.097	117	826180	152.396	ug/l	97
39) Methylcyclohexane	9.356	83	886343	155.971	ug/l	96
40) Benzene	8.350	78	2203936	152.474	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	227768	153.361	ug/l	97
42) 1,2-Dichloroethane	8.420	62	712834	148.085	ug/l	99
43) Isopropyl Acetate	8.450	43	698311	151.794	ug/l	99
44) Trichloroethene	9.114	130	550931	150.537	ug/l	99
45) 1,2-Dichloropropane	9.385	63	595300	151.672	ug/l	98
46) Dibromomethane	9.473	93	295036	147.322	ug/l	99
47) Bromodichloromethane	9.661	83	838553	151.867	ug/l	99
48) Methyl methacrylate	9.456	41	358667	154.166	ug/l	93
49) 1,4-Dioxane	9.461	88	55437	2910.946	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	1842111	764.440	ug/l	100
52) Toluene	10.403	92	1453532	157.138	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	776259	159.724	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	906103	159.658	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	392975	146.012	ug/l	98
56) Ethyl methacrylate	10.655	69	530997	159.792	ug/l	98
57) 1,3-Dichloropropane	10.944	76	722064	152.138	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	1463616	841.106	ug/l	100
59) 2-Hexanone	10.979	43	1328667	780.069	ug/l	99
60) Dibromochloromethane	11.138	129	520662	153.210	ug/l	99
61) 1,2-Dibromoethane	11.244	107	378302	152.672	ug/l	97
64) Tetrachloroethene	10.873	164	450759	142.887	ug/l	97
65) Chlorobenzene	11.667	112	1520613	152.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	579210	157.000	ug/l	98
67) Ethyl Benzene	11.738	91	2954430	158.639	ug/l	99
68) m/p-Xylenes	11.850	106	2220411	319.852	ug/l	97
69) o-Xylene	12.173	106	1066441	163.181	ug/l	98
70) Styrene	12.191	104	1825295	162.506	ug/l	99
71) Bromoform	12.355	173	285662	149.394	ug/l	99
73) Isopropylbenzene	12.473	105	2900282	156.539	ug/l	99
74) N-amyl acetate	12.279	43	696810	154.174	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	448933	141.558	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	334582m	140.579	ug/l	
77) Bromobenzene	12.755	156	596068	149.979	ug/l	98
78) n-propylbenzene	12.814	91	3598004	154.240	ug/l	100
79) 2-Chlorotoluene	12.897	91	2001478	152.372	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	2413668	157.179	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	138686	158.556	ug/l	93
82) 4-Chlorotoluene	12.997	91	2099421	151.848	ug/l	100
83) tert-Butylbenzene	13.214	119	2049053	156.626	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	2393839	156.405	ug/l	100
85) sec-Butylbenzene	13.391	105	3116980	153.538	ug/l	100
86) p-Isopropyltoluene	13.508	119	2632158	157.954	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	1249734	150.747	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	1200444	146.529	ug/l	99
89) n-Butylbenzene	13.832	91	2566108	154.925	ug/l	99
90) Hexachloroethane	14.102	117	492402	152.075	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	1065105	150.600	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	77191	141.800	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	613365	150.225	ug/l	99
94) Hexachlorobutadiene	15.249	225	329638	143.933	ug/l	97
95) Naphthalene	15.385	128	1124019	152.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	510677	147.720	ug/l	99

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

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