

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101122\
 Data File : VD074516.D
 Acq On : 11 Oct 2022 13:54
 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: Oct 12 00:43:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 00:39:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/12/2022
 Supervised By :Mahesh Dadoda 10/13/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	87306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	150845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	133105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	59824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	112150	149.237	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 298.480%#			
35) Dibromofluoromethane	7.804	113	130534	132.200	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 264.400%#			
50) Toluene-d8	10.269	98	527053	158.954	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 317.900%#			
62) 4-Bromofluorobenzene	12.569	95	146937	119.572	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 239.140%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	132727	157.243	ug/l	97
3) Chloromethane	2.146	50	151193	143.920	ug/l	95
4) Vinyl Chloride	2.281	62	174880	160.924	ug/l	98
5) Bromomethane	2.664	94	118657	153.902	ug/l	98
6) Chloroethane	2.822	64	117186	161.620	ug/l	98
7) Trichlorofluoromethane	3.169	101	257952	155.106	ug/l	96
8) Diethyl Ether	3.587	74	78866	157.976	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	170422	152.461	ug/l	99
10) Methyl Iodide	4.158	142	250530	195.488	ug/l	98
11) Tert butyl alcohol	5.058	59	51205	343.874	ug/l	97
12) 1,1-Dichloroethene	3.934	96	174676	153.417	ug/l	95
13) Acrolein	3.793	56	26052	678.387	ug/l	97
14) Allyl chloride	4.558	41	186096	150.142	ug/l	99
15) Acrylonitrile	5.252	53	156216	786.077	ug/l	99
16) Acetone	4.022	43	116314	717.532	ug/l	97
17) Carbon Disulfide	4.263	76	505543	150.174	ug/l	98
18) Methyl Acetate	4.558	43	75236	145.857	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	336135	155.141	ug/l	97
20) Methylene Chloride	4.799	84	184680	109.346	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	186977	152.466	ug/l	95
22) Diisopropyl ether	6.216	45	354544	143.065	ug/l	97
23) Vinyl Acetate	6.152	43	885835	874.289	ug/l	99
24) 1,1-Dichloroethane	6.110	63	277736	144.778	ug/l	98
25) 2-Butanone	7.075	43	152883	683.215	ug/l	91
26) 2,2-Dichloropropane	7.069	77	237997	140.940	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	193532	148.165	ug/l	97
28) Bromochloromethane	7.422	49	70129	138.452	ug/l	100
29) Tetrahydrofuran	7.440	42	91309	739.926	ug/l	98
30) Chloroform	7.599	83	262875	141.431	ug/l	99
31) Cyclohexane	7.875	56	213083	133.267	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	242784	144.251	ug/l	98
36) 1,1-Dichloropropene	8.004	75	207951	143.643	ug/l	99
37) Ethyl Acetate	7.163	43	64757	136.288	ug/l	97
38) Carbon Tetrachloride	7.993	117	209544	156.547	ug/l	92
39) Methylcyclohexane	9.269	83	273316	150.837	ug/l	96
40) Benzene	8.251	78	619806	143.848	ug/l	98

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41) Methacrylonitrile	7.399	41	42795m	150.602	ug/l	
42) 1,2-Dichloroethane	8.328	62	146420	143.812	ug/l	99
43) Isopropyl Acetate	8.363	43	133912	153.387	ug/l	97
44) Trichloroethene	9.028	130	180348	146.311	ug/l	95
45) 1,2-Dichloropropane	9.304	63	142157	144.816	ug/l	100
46) Dibromomethane	9.393	93	81537	147.828	ug/l	93
47) Bromodichloromethane	9.587	83	198864	145.855	ug/l	97
48) Methyl methacrylate	9.381	41	62257	147.363	ug/l	96
49) 1,4-Dioxane	9.381	88	17547	3062.268	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	318488	737.417	ug/l	98
52) Toluene	10.334	92	401753	147.532	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	187448	157.687	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	228145	151.953	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	108483	146.720	ug/l	96
56) Ethyl methacrylate	10.598	69	133231	156.315	ug/l	96
57) 1,3-Dichloropropane	10.881	76	180228	145.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	161130	1006.742	ug/l	100
59) 2-Hexanone	10.922	43	216945	750.374	ug/l	100
60) Dibromochloromethane	11.075	129	131506	147.871	ug/l	99
61) 1,2-Dibromoethane	11.181	107	101372	147.350	ug/l	99
64) Tetrachloroethene	10.810	164	143964	144.440	ug/l	96
65) Chlorobenzene	11.604	112	418814	146.585	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	148217	152.883	ug/l	99
67) Ethyl Benzene	11.681	91	757526	149.578	ug/l	100
68) m/p-Xylenes	11.792	106	611756	302.936	ug/l	97
69) o-Xylene	12.116	106	284796	151.570	ug/l	95
70) Styrene	12.134	104	470944	148.324	ug/l	99
71) Bromoform	12.292	173	76034	153.964	ug/l #	96
73) Isopropylbenzene	12.416	105	722955	150.221	ug/l	99
74) N-amyl acetate	12.228	43	116050	153.967	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	110461	145.100	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	63440m	138.510	ug/l	
77) Bromobenzene	12.698	156	163352	150.030	ug/l	98
78) n-propylbenzene	12.757	91	857055	147.200	ug/l	99
79) 2-Chlorotoluene	12.845	91	454918	145.571	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	588259	150.396	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	33364	165.534	ug/l	98
82) 4-Chlorotoluene	12.945	91	453724	144.653	ug/l	99
83) tert-Butylbenzene	13.163	119	520745	152.045	ug/l	98
84) 1,2,4-Trimethylbenzene	13.204	105	581453	150.064	ug/l	98
85) sec-Butylbenzene	13.339	105	779253	149.316	ug/l	97
86) p-Isopropyltoluene	13.457	119	670810	154.804	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	337156	151.144	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	322624	145.739	ug/l	98
89) n-Butylbenzene	13.781	91	602732	148.905	ug/l	98
90) Hexachloroethane	14.051	117	115292	150.695	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	279775	147.027	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15910	152.873	ug/l	98
93) 1,2,4-Trichlorobenzene	15.092	180	195898	156.125	ug/l	99
94) Hexachlorobutadiene	15.198	225	102765	157.525	ug/l	99
95) Naphthalene	15.328	128	386750	163.213	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	168630	157.437	ug/l	98

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

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