

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074119.D
 Acq On : 17 Aug 2022 11:39
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 18 03:17:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

08/18/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	157192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	247046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	236676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	126819	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	59365	50.853	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.700%	
35) Dibromofluoromethane	7.902	113	76739	48.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.220%	
50) Toluene-d8	10.332	98	203037	42.360	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.720%	
62) 4-Bromofluorobenzene	12.620	95	105040	53.069	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	51516	45.409	ug/l	99
3) Chloromethane	2.209	50	62255	43.477	ug/l	100
4) Vinyl Chloride	2.350	62	93199	40.111	ug/l	97
5) Bromomethane	2.773	94	76664	41.349	ug/l	87
6) Chloroethane	2.920	64	83803	50.713	ug/l	95
7) Trichlorofluoromethane	3.267	101	130557	52.885	ug/l	95
8) Diethyl Ether	3.709	74	31765	46.072	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.091	101	80367	56.378	ug/l	96
10) Methyl Iodide	4.291	142	78150	50.795	ug/l	99
11) Tert butyl alcohol	5.226	59	20916	242.251	ug/l	95
12) 1,1-Dichloroethene	4.061	96	62909	51.486	ug/l	83
13) Acrolein	3.920	56	19575	266.114	ug/l	98
14) Allyl chloride	4.708	41	85404	46.746	ug/l #	87
15) Acrylonitrile	5.408	53	75988	275.925	ug/l	98
16) Acetone	4.156	43	73421	265.277	ug/l	94
17) Carbon Disulfide	4.409	76	118517	38.431	ug/l	95
18) Methyl Acetate	4.708	43	33654	53.656	ug/l #	84
19) Methyl tert-butyl Ether	5.479	73	174638	55.021	ug/l	98
20) Methylene Chloride	4.961	84	78162	47.530	ug/l #	81
21) trans-1,2-Dichloroethene	5.461	96	72426	45.983	ug/l	84
22) Diisopropyl ether	6.355	45	219732	55.559	ug/l #	93
23) Vinyl Acetate	6.297	43	568572	280.565	ug/l #	91
24) 1,1-Dichloroethane	6.255	63	139995	51.204	ug/l	95
25) 2-Butanone	7.202	43	100215	249.426	ug/l #	90
26) 2,2-Dichloropropane	7.202	77	145338	51.274	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	94150	50.714	ug/l	86
28) Bromochloromethane	7.544	49	44941	44.042	ug/l #	70
29) Tetrahydrofuran	7.555	42	59110	269.212	ug/l #	82
30) Chloroform	7.702	83	171166	53.557	ug/l	98
31) Cyclohexane	7.979	56	93448	47.281	ug/l #	85
32) 1,1,1-Trichloroethane	7.897	97	155617	51.641	ug/l	96
36) 1,1-Dichloropropene	8.102	75	105492	48.999	ug/l	95
37) Ethyl Acetate	7.279	43	43017	50.384	ug/l #	93
38) Carbon Tetrachloride	8.091	117	135154	54.395	ug/l	94
39) Methylcyclohexane	9.349	83	112116	47.233	ug/l	92
40) Benzene	8.344	78	307781	50.591	ug/l	98

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41) Methacrylonitrile	7.514	41	23426m	54.297	ug/l	
42) 1,2-Dichloroethane	8.414	62	96528	52.522	ug/l	97
43) Isopropyl Acetate	8.444	43	87850	56.063	ug/l #	91
44) Trichloroethene	9.102	130	91000	51.084	ug/l	99
45) 1,2-Dichloropropane	9.373	63	81079	55.017	ug/l	96
46) Dibromomethane	9.467	93	50478	54.037	ug/l	97
47) Bromodichloromethane	9.649	83	132257	55.074	ug/l	95
48) Methyl methacrylate	9.444	41	35870	50.069	ug/l #	64
49) 1,4-Dioxane	9.449	88	10531	1158.818	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	236237	294.471	ug/l	93
52) Toluene	10.391	92	216687	54.471	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	114549	55.963	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	131079	55.381	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	70710	56.877	ug/l	93
56) Ethyl methacrylate	10.649	69	75539	59.756	ug/l #	85
57) 1,3-Dichloropropane	10.932	76	109050	55.339	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	110792	228.304	ug/l	91
59) 2-Hexanone	10.973	43	165700	302.040	ug/l	94
60) Dibromochloromethane	11.126	129	94496	56.215	ug/l	99
61) 1,2-Dibromoethane	11.238	107	66212	54.842	ug/l	98
64) Tetrachloroethene	10.867	164	76816	51.299	ug/l	95
65) Chlorobenzene	11.655	112	245335	52.988	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	102169	56.144	ug/l	98
67) Ethyl Benzene	11.732	91	437620	55.210	ug/l	97
68) m/p-Xylenes	11.843	106	357023	112.189	ug/l	94
69) o-Xylene	12.167	106	166186	57.312	ug/l	93
70) Styrene	12.179	104	293526	58.060	ug/l	96
71) Bromoform	12.349	173	57525	60.336	ug/l #	98
73) Isopropylbenzene	12.467	105	458928	57.572	ug/l	99
74) N-amyl acetate	12.273	43	86191	56.315	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.714	83	84587	57.991	ug/l	95
76) 1,2,3-Trichloropropane	12.767	75	50010m	44.254	ug/l	
77) Bromobenzene	12.743	156	105635	54.879	ug/l	86
78) n-propylbenzene	12.802	91	567325	57.468	ug/l	97
79) 2-Chlorotoluene	12.890	91	315718	56.297	ug/l	94
80) 1,3,5-Trimethylbenzene	12.943	105	390048	57.323	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.514	75	22993	56.745	ug/l	89
82) 4-Chlorotoluene	12.990	91	333215	56.082	ug/l	95
83) tert-Butylbenzene	13.208	119	353598	58.713	ug/l	94
84) 1,2,4-Trimethylbenzene	13.249	105	397105	56.781	ug/l	99
85) sec-Butylbenzene	13.384	105	537422	58.085	ug/l	98
86) p-Isopropyltoluene	13.496	119	452735	58.669	ug/l	98
87) 1,3-Dichlorobenzene	13.496	146	230467	54.813	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	226820	53.849	ug/l	98
89) n-Butylbenzene	13.826	91	419737	56.776	ug/l	99
90) Hexachloroethane	14.090	117	86219	53.328	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	197955	52.716	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.479	75	13324	52.884	ug/l	85
93) 1,2,4-Trichlorobenzene	15.137	180	122891	50.989	ug/l	98
94) Hexachlorobutadiene	15.243	225	70476	48.807	ug/l	98
95) Naphthalene	15.379	128	221347	54.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	105254	49.395	ug/l	99

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

