

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
 Data File : VD074522.D
 Acq On : 13 Oct 2022 10:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 13 16:54:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

10/14/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	104135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	175574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	153529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	65176	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	48404	54.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.000%	
35) Dibromofluoromethane	7.804	113	57568	54.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.380%	
50) Toluene-d8	10.269	98	224205	55.582	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.160%	
62) 4-Bromofluorobenzene	12.569	95	58715	47.260	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.520%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.928	85	51368	51.021	ug/l	96
3) Chloromethane	2.146	50	58248	46.486	ug/l	91
4) Vinyl Chloride	2.281	62	66644	51.415	ug/l	99
5) Bromomethane	2.687	94	45490	49.467	ug/l	100
6) Chloroethane	2.834	64	44037	50.920	ug/l	99
7) Trichlorofluoromethane	3.169	101	99375	50.097	ug/l	96
8) Diethyl Ether	3.593	74	31181	52.365	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.963	101	67017	50.265	ug/l	99
10) Methyl Iodide	4.157	142	83846	46.899	ug/l	98
11) Tert butyl alcohol	5.046	59	20749	163.055	ug/l #	96
12) 1,1-Dichloroethene	3.934	96	68214	50.230	ug/l	90
13) Acrolein	3.793	56	10563	230.606	ug/l	100
14) Allyl chloride	4.551	41	76046	51.439	ug/l	100
15) Acrylonitrile	5.251	53	61633	260.016	ug/l	98
16) Acetone	4.022	43	53865	278.589	ug/l	97
17) Carbon Disulfide	4.263	76	190061	47.335	ug/l	97
18) Methyl Acetate	4.563	43	28074	45.630	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	136636	52.872	ug/l	99
20) Methylene Chloride	4.793	84	73758	45.271	ug/l	91
21) trans-1,2-Dichloroethene	5.310	96	74054	50.627	ug/l	90
22) Diisopropyl ether	6.210	45	153579	51.957	ug/l	97
23) Vinyl Acetate	6.151	43	345499	269.232	ug/l	99
24) 1,1-Dichloroethane	6.110	63	113880	49.770	ug/l	99
25) 2-Butanone	7.081	43	68663	257.258	ug/l	97
26) 2,2-Dichloropropane	7.069	77	101721	50.503	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	80980	51.978	ug/l	99
28) Bromochloromethane	7.422	49	30874	51.103	ug/l	96
29) Tetrahydrofuran	7.440	42	39931	271.289	ug/l	98
30) Chloroform	7.593	83	116938	52.747	ug/l	98
31) Cyclohexane	7.875	56	94397	49.497	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	106755	53.178	ug/l	98
36) 1,1-Dichloropropene	8.004	75	90954	53.978	ug/l	100
37) Ethyl Acetate	7.163	43	29650	53.612	ug/l #	95
38) Carbon Tetrachloride	7.987	117	87909	56.425	ug/l	97
39) Methylcyclohexane	9.269	83	115283	54.661	ug/l	98
40) Benzene	8.245	78	268835	53.605	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	16954	53.429	ug/l	95
42) 1,2-Dichloroethane	8.322	62	61349	51.769	ug/l	98
43) Isopropyl Acetate	8.357	43	56322	55.427	ug/l	96
44) Trichloroethene	9.028	130	76636	53.416	ug/l	97
45) 1,2-Dichloropropane	9.304	63	61116	53.490	ug/l	97
46) Dibromomethane	9.392	93	34274	53.387	ug/l	95
47) Bromodichloromethane	9.581	83	85687	53.995	ug/l	99
48) Methyl methacrylate	9.381	41	26673	54.243	ug/l	94
49) 1,4-Dioxane	9.381	88	7741	1160.668	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	142582	283.632	ug/l	98
52) Toluene	10.334	92	171400	54.076	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	77836	56.256	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	96406	55.166	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	47590	55.299	ug/l	95
56) Ethyl methacrylate	10.598	69	55214	55.656	ug/l	95
57) 1,3-Dichloropropane	10.881	76	75867	52.711	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	50465	232.550	ug/l	98
59) 2-Hexanone	10.922	43	97461	289.621	ug/l	100
60) Dibromochloromethane	11.075	129	56488	54.571	ug/l	99
61) 1,2-Dibromoethane	11.175	107	43597	54.445	ug/l	97
64) Tetrachloroethene	10.810	164	61736	53.700	ug/l	97
65) Chlorobenzene	11.604	112	181080	54.947	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	61381	54.891	ug/l	98
67) Ethyl Benzene	11.681	91	324165	55.493	ug/l	97
68) m/p-Xylenes	11.786	106	244923	105.149	ug/l	97
69) o-Xylene	12.116	106	111940	51.650	ug/l	93
70) Styrene	12.133	104	185028	50.522	ug/l	99
71) Bromoform	12.298	173	28568	50.153	ug/l #	97
73) Isopropylbenzene	12.416	105	291106	55.521	ug/l	100
74) N-amyl acetate	12.228	43	46518	56.649	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	45875	55.313	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	32922m	59.106	ug/l	
77) Bromobenzene	12.698	156	64706	54.549	ug/l	97
78) n-propylbenzene	12.763	91	347252	54.743	ug/l	99
79) 2-Chlorotoluene	12.845	91	184666	54.240	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	234891	55.122	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	12473	56.802	ug/l	98
82) 4-Chlorotoluene	12.945	91	188119	55.050	ug/l	100
83) tert-Butylbenzene	13.163	119	204066	54.690	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	229841	54.448	ug/l	100
85) sec-Butylbenzene	13.339	105	310249	54.567	ug/l	98
86) p-Isopropyltoluene	13.457	119	258807	54.821	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	127798	52.586	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	125358	51.978	ug/l	99
89) n-Butylbenzene	13.786	91	246251	55.841	ug/l	98
90) Hexachloroethane	14.051	117	45628	54.742	ug/l	94
91) 1,2-Dichlorobenzene	13.827	146	112305	54.172	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	7026	61.967	ug/l	80
93) 1,2,4-Trichlorobenzene	15.092	180	71182	52.072	ug/l	96
94) Hexachlorobutadiene	15.198	225	38281	53.861	ug/l	99
95) Naphthalene	15.327	128	140360	54.370	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	62510	53.569	ug/l	98

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

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