

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080122\
 Data File : VD073911.D
 Acq On : 01 Aug 2022 13:11
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/02/2022
 Supervised By :Mahesh Dadoda 08/02/2022

Quant Time: Aug 02 04:51:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 04:48:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	185860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	309474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	281838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	149282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	78009	45.212	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.420%		
35) Dibromofluoromethane	7.908	113	85327	44.376	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.760%		
50) Toluene-d8	10.332	98	278626	43.018	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	86.040%		
62) 4-Bromofluorobenzene	12.620	95	111555	46.835	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	85570	49.642	ug/l	100
3) Chloromethane	2.209	50	123346	52.230	ug/l	100
4) Vinyl Chloride	2.344	62	164190	56.377	ug/l	100
5) Bromomethane	2.761	94	106906	51.980	ug/l	100
6) Chloroethane	2.914	64	111017	54.200	ug/l	100
7) Trichlorofluoromethane	3.267	101	161856	51.842	ug/l	100
8) Diethyl Ether	3.703	74	40825	51.955	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	92496	49.978	ug/l	100
10) Methyl Iodide	4.297	142	117304	57.965	ug/l	100
11) Tert butyl alcohol	5.220	59	26946	189.321	ug/l	100
12) 1,1-Dichloroethene	4.067	96	86737	52.895	ug/l	100
13) Acrolein	3.920	56	32068	365.471	ug/l	100
14) Allyl chloride	4.708	41	119105	53.720	ug/l	100
15) Acrylonitrile	5.414	53	85165	253.170	ug/l	100
16) Acetone	4.156	43	92120	285.662	ug/l	100
17) Carbon Disulfide	4.408	76	276125	57.826	ug/l	100
18) Methyl Acetate	4.720	43	42642	44.201	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	206878	52.109	ug/l	100
20) Methylene Chloride	4.961	84	114091	33.842	ug/l	100
21) trans-1,2-Dichloroethene	5.461	96	104326	53.383	ug/l	100
22) Diisopropyl ether	6.361	45	251797	52.307	ug/l	100
23) Vinyl Acetate	6.302	43	703324	276.842	ug/l	100
24) 1,1-Dichloroethane	6.261	63	169731	52.125	ug/l	100
25) 2-Butanone	7.202	43	121014	266.778	ug/l	100
26) 2,2-Dichloropropane	7.202	77	167102	50.753	ug/l	100
27) cis-1,2-Dichloroethene	7.202	96	114776	52.168	ug/l	100
28) Bromochloromethane	7.538	49	57295	52.728	ug/l	100
29) Tetrahydrofuran	7.561	42	68996	260.318	ug/l	100
30) Chloroform	7.702	83	192312	51.831	ug/l	100
31) Cyclohexane	7.979	56	147857	51.374	ug/l	100
32) 1,1,1-Trichloroethane	7.896	97	183818	52.031	ug/l	100
36) 1,1-Dichloropropene	8.102	75	143936	52.558	ug/l	100
37) Ethyl Acetate	7.285	43	48210	47.268	ug/l	100
38) Carbon Tetrachloride	8.091	117	160231	52.229	ug/l	100
39) Methylcyclohexane	9.349	83	170875	53.232	ug/l	100
40) Benzene	8.344	78	391928	52.155	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	29077	49.386	ug/l	100
42) 1,2-Dichloroethane	8.414	62	118219	51.256	ug/l	100
43) Isopropyl Acetate	8.444	43	102088	50.547	ug/l	100
44) Trichloroethene	9.102	130	115017	50.806	ug/l	100
45) 1,2-Dichloropropane	9.379	63	93165	51.523	ug/l	100
46) Dibromomethane	9.467	93	60031	51.616	ug/l	100
47) Bromodichloromethane	9.655	83	146075	50.705	ug/l	100
48) Methyl methacrylate	9.449	41	49098	52.092	ug/l	100
49) 1,4-Dioxane	9.449	88	11863	967.825	ug/l	100
51) 4-Methyl-2-Pentanone	10.220	43	254691	252.583	ug/l	100
52) Toluene	10.396	92	268394	52.488	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	135637	51.146	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	154403	51.427	ug/l	100
55) 1,1,2-Trichloroethane	10.790	97	75676	50.590	ug/l	100
56) Ethyl methacrylate	10.649	69	88534	51.983	ug/l	100
57) 1,3-Dichloropropane	10.932	76	126090	52.083	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	171763	263.533	ug/l	100
59) 2-Hexanone	10.973	43	181652	266.220	ug/l	100
60) Dibromochloromethane	11.132	129	101020	50.053	ug/l	100
61) 1,2-Dibromoethane	11.237	107	78201	51.577	ug/l	100
64) Tetrachloroethene	10.867	164	97603	48.662	ug/l	100
65) Chlorobenzene	11.661	112	282015	50.475	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	109803	51.305	ug/l	100
67) Ethyl Benzene	11.732	91	519730	52.667	ug/l	100
68) m/p-Xylenes	11.843	106	420115	107.390	ug/l	100
69) o-Xylene	12.167	106	192365	52.502	ug/l	100
70) Styrene	12.184	104	329397	53.226	ug/l	100
71) Bromoform	12.343	173	60785	51.712	ug/l #	100
73) Isopropylbenzene	12.467	105	512733	49.812	ug/l	100
74) N-amyl acetate	12.273	43	99030	48.044	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	81654	46.567	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	56477m	41.787	ug/l	
77) Bromobenzene	12.749	156	119008	49.115	ug/l	100
78) n-propylbenzene	12.808	91	623533	49.812	ug/l	100
79) 2-Chlorotoluene	12.896	91	350230	48.910	ug/l	100
80) 1,3,5-Trimethylbenzene	12.943	105	439609	50.270	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	26824	51.551	ug/l	100
82) 4-Chlorotoluene	12.990	91	373576	49.770	ug/l	100
83) tert-Butylbenzene	13.208	119	379627	49.858	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	434639	50.311	ug/l	100
85) sec-Butylbenzene	13.384	105	576892	50.073	ug/l	100
86) p-Isopropyltoluene	13.502	119	488539	50.482	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	248677	49.146	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	244980	48.877	ug/l	100
89) n-Butylbenzene	13.826	91	447680	50.169	ug/l	100
90) Hexachloroethane	14.096	117	87809	49.513	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	212429	49.102	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.484	75	13654	45.716	ug/l	100
93) 1,2,4-Trichlorobenzene	15.143	180	126732	47.108	ug/l	100
94) Hexachlorobutadiene	15.249	225	68783	47.060	ug/l	100
95) Naphthalene	15.378	128	235662	47.960	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	106102	45.627	ug/l	100

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

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