

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062022\
 Data File : VD073633.D
 Acq On : 20 Jun 2022 15:07
 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 06/21/2022
 Supervised By :Mahesh Dadoda 06/21/2022

Quant Time: Jun 21 05:04:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:00:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	261944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	424842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	408505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	212162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	142004	47.116	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.240%		
35) Dibromofluoromethane	7.908	113	143344	46.510	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.020%		
50) Toluene-d8	10.332	98	536396	48.626	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.260%		
62) 4-Bromofluorobenzene	12.620	95	197439	48.806	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	113126	44.838	ug/l	100
3) Chloromethane	2.209	50	106139	46.369	ug/l	100
4) Vinyl Chloride	2.344	62	109195	50.596	ug/l	100
5) Bromomethane	2.762	94	74011	43.934	ug/l	100
6) Chloroethane	2.914	64	65292	46.749	ug/l	100
7) Trichlorofluoromethane	3.267	101	239670	47.938	ug/l	100
8) Diethyl Ether	3.709	74	63602	48.764	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	137362	47.562	ug/l	100
10) Methyl Iodide	4.297	142	152776	54.609	ug/l	100
11) Tert butyl alcohol	5.208	59	51180	153.756	ug/l	100
12) 1,1-Dichloroethene	4.067	96	125654	49.774	ug/l	100
13) Acrolein	3.909	56	30152	341.034	ug/l	100
14) Allyl chloride	4.709	41	188776	51.968	ug/l	100
15) Acrylonitrile	5.414	53	151880	256.681	ug/l	100
16) Acetone	4.156	43	114275	238.494	ug/l	100
17) Carbon Disulfide	4.403	76	360878	49.588	ug/l	100
18) Methyl Acetate	4.709	43	64219	41.881	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	321279	53.788	ug/l	100
20) Methylene Chloride	4.956	84	163814	42.701	ug/l	100
21) trans-1,2-Dichloroethene	5.467	96	151845	50.589	ug/l	100
22) Diisopropyl ether	6.355	45	432867	53.111	ug/l	100
23) Vinyl Acetate	6.297	43	1191213	286.052	ug/l	100
24) 1,1-Dichloroethane	6.261	63	270958	49.650	ug/l	100
25) 2-Butanone	7.208	43	175244	251.243	ug/l	100
26) 2,2-Dichloropropane	7.202	77	248155	49.493	ug/l	100
27) cis-1,2-Dichloroethene	7.202	96	175724	50.750	ug/l	100
28) Bromochloromethane	7.544	49	105746	51.733	ug/l	100
29) Tetrahydrofuran	7.555	42	113865	263.220	ug/l	100
30) Chloroform	7.702	83	304363	49.264	ug/l	100
31) Cyclohexane	7.979	56	222246	48.466	ug/l	100
32) 1,1,1-Trichloroethane	7.897	97	269400	49.003	ug/l	100
36) 1,1-Dichloropropene	8.108	75	213297	49.410	ug/l	100
37) Ethyl Acetate	7.291	43	85274	51.339	ug/l	100
38) Carbon Tetrachloride	8.085	117	239626	48.873	ug/l	100
39) Methylcyclohexane	9.349	83	245032	51.226	ug/l	100
40) Benzene	8.344	78	625757	50.111	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	50376	54.790	ug/l	100
42) 1,2-Dichloroethane	8.420	62	179494	48.119	ug/l	100
43) Isopropyl Acetate	8.444	43	159281	50.939	ug/l	100
44) Trichloroethene	9.102	130	173910	48.897	ug/l	100
45) 1,2-Dichloropropane	9.379	63	158558	50.527	ug/l	100
46) Dibromomethane	9.467	93	88441	49.630	ug/l	100
47) Bromodichloromethane	9.655	83	231831	49.992	ug/l	100
48) Methyl methacrylate	9.449	41	84241	53.223	ug/l	100
49) 1,4-Dioxane	9.461	88	18812	952.648	ug/l	100
51) 4-Methyl-2-Pentanone	10.220	43	427074	266.027	ug/l	100
52) Toluene	10.396	92	421667	51.663	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	220962	52.031	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	250290	50.409	ug/l	100
55) 1,1,2-Trichloroethane	10.791	97	127432	50.641	ug/l	100
56) Ethyl methacrylate	10.649	69	145815	52.510	ug/l	100
57) 1,3-Dichloropropane	10.938	76	212270	51.218	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	284106	254.406	ug/l	100
59) 2-Hexanone	10.973	43	293350	264.975	ug/l	100
60) Dibromochloromethane	11.132	129	165597	50.480	ug/l	100
61) 1,2-Dibromoethane	11.238	107	122911	50.986	ug/l	100
64) Tetrachloroethene	10.867	164	145861	48.235	ug/l	100
65) Chlorobenzene	11.661	112	459087	50.328	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	178549	50.508	ug/l	100
67) Ethyl Benzene	11.738	91	813233	52.438	ug/l	100
68) m/p-Xylenes	11.843	106	647605	106.039	ug/l	100
69) o-Xylene	12.173	106	301111	52.898	ug/l	100
70) Styrene	12.185	104	526348	53.921	ug/l	100
71) Bromoform	12.349	173	96668	50.221	ug/l #	100
73) Isopropylbenzene	12.467	105	823492	53.793	ug/l	100
74) N-amyl acetate	12.279	43	165413	53.462	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	143417	49.819	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	103337m	51.750	ug/l	
77) Bromobenzene	12.749	156	190130	51.037	ug/l	100
78) n-propylbenzene	12.808	91	1008823	53.803	ug/l	100
79) 2-Chlorotoluene	12.896	91	577938	52.549	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	704938	53.919	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	47470	53.351	ug/l	100
82) 4-Chlorotoluene	12.990	91	613477	52.261	ug/l	100
83) tert-Butylbenzene	13.208	119	603669	53.340	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	693302	53.758	ug/l	100
85) sec-Butylbenzene	13.390	105	898636	53.399	ug/l	100
86) p-Isopropyltoluene	13.502	119	752357	54.123	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	391419	50.928	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	385435	50.600	ug/l	100
89) n-Butylbenzene	13.826	91	700514	53.597	ug/l	100
90) Hexachloroethane	14.096	117	148829	50.130	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	341745	51.541	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	23199	51.603	ug/l	100
93) 1,2,4-Trichlorobenzene	15.143	180	200157	51.820	ug/l	100
94) Hexachlorobutadiene	15.249	225	110387	50.429	ug/l	100
95) Naphthalene	15.384	128	365786	54.506	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	177659	52.874	ug/l	100

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

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