

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073141.D
 Acq On : 19 May 2022 15:58
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD051922

Quant Time: May 20 01:48:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	380395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	629617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	587299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	272946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	200858	47.779	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.560%		
35) Dibromofluoromethane	7.908	113	202380	48.712	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.420%		
50) Toluene-d8	10.332	98	773667	50.517	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.040%		
62) 4-Bromofluorobenzene	12.620	95	267669	49.802	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	175293	46.117	ug/l	96
3) Chloromethane	2.209	50	194648	45.288	ug/l	100
4) Vinyl Chloride	2.350	62	182336	46.393	ug/l	100
5) Bromomethane	2.762	94	130213	51.828	ug/l	97
6) Chloroethane	2.920	64	114852	47.537	ug/l	100
7) Trichlorofluoromethane	3.273	101	341069	49.078	ug/l	98
8) Diethyl Ether	3.709	74	93365	48.892	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	199715	48.165	ug/l	96
10) Methyl Iodide	4.297	142	214679	47.988	ug/l	98
11) Tert butyl alcohol	5.220	59	74072	113.566	ug/l	95
12) 1,1-Dichloroethene	4.067	96	189519	49.575	ug/l	90
13) Acrolein	3.920	56	57373	220.661	ug/l	100
14) Allyl chloride	4.709	41	302888	49.085	ug/l	91
15) Acrylonitrile	5.414	53	216343	247.754	ug/l	98
16) Acetone	4.156	43	191220	262.607	ug/l	97
17) Carbon Disulfide	4.409	76	601071	47.430	ug/l	99
18) Methyl Acetate	4.714	43	97960	48.380	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	439858	50.506	ug/l	99
20) Methylene Chloride	4.962	84	234024	50.728	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	225539	48.795	ug/l	89
22) Diisopropyl ether	6.361	45	656424	50.745	ug/l	91
23) Vinyl Acetate	6.303	43	1769009	256.382	ug/l #	95
24) 1,1-Dichloroethane	6.261	63	396374	47.738	ug/l	99
25) 2-Butanone	7.208	43	264731	248.498	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	339091	47.888	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	249756	48.833	ug/l	91
28) Bromochloromethane	7.538	49	138559	48.438	ug/l #	82
29) Tetrahydrofuran	7.561	42	173312	251.593	ug/l	92
30) Chloroform	7.708	83	407463	47.005	ug/l	99
31) Cyclohexane	7.985	56	358117	48.747	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	362107	47.761	ug/l	97
36) 1,1-Dichloropropene	8.108	75	317432	50.801	ug/l	96
37) Ethyl Acetate	7.291	43	130698	52.955	ug/l	96
38) Carbon Tetrachloride	8.091	117	321269	50.722	ug/l	99
39) Methylcyclohexane	9.350	83	372451	53.485	ug/l	98
40) Benzene	8.344	78	891535	49.507	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	71671	49.841	ug/l #	90
42) 1,2-Dichloroethane	8.420	62	246854	49.265	ug/l	96
43) Isopropyl Acetate	8.444	43	237149	51.984	ug/l #	95
44) Trichloroethene	9.108	130	242319	50.460	ug/l	96
45) 1,2-Dichloropropane	9.379	63	220513	48.623	ug/l	96
46) Dibromomethane	9.467	93	118708	47.659	ug/l	98
47) Bromodichloromethane	9.655	83	312350	49.010	ug/l	99
48) Methyl methacrylate	9.450	41	125111	54.510	ug/l	92
49) 1,4-Dioxane	9.450	88	28210	1096.706	ug/l #	92
51) 4-Methyl-2-Pentanone	10.220	43	619048	261.267	ug/l	94
52) Toluene	10.397	92	577989	50.791	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	285173	49.529	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	343070	49.792	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	165615	49.170	ug/l	99
56) Ethyl methacrylate	10.649	69	199615	53.303	ug/l	87
57) 1,3-Dichloropropane	10.938	76	282160	49.926	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	424643	239.647	ug/l	95
59) 2-Hexanone	10.973	43	432546	276.898	ug/l	94
60) Dibromochloromethane	11.132	129	206097	49.072	ug/l	98
61) 1,2-Dibromoethane	11.238	107	156584	48.650	ug/l	95
64) Tetrachloroethene	10.867	164	193934	50.416	ug/l	99
65) Chlorobenzene	11.661	112	596350	49.497	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	225021	50.359	ug/l	98
67) Ethyl Benzene	11.732	91	1100961	52.054	ug/l	98
68) m/p-Xylenes	11.844	106	860794	104.755	ug/l	98
69) o-Xylene	12.167	106	396985	52.589	ug/l	96
70) Styrene	12.185	104	683725	52.645	ug/l	97
71) Bromoform	12.349	173	116067	50.470	ug/l #	97
73) Isopropylbenzene	12.467	105	1068866	54.932	ug/l	100
74) N-amyl acetate	12.279	43	230955	54.408	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	184175	51.321	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	128905m	48.133	ug/l	
77) Bromobenzene	12.749	156	239192	52.220	ug/l	92
78) n-propylbenzene	12.808	91	1329080	54.408	ug/l	99
79) 2-Chlorotoluene	12.896	91	743214	52.693	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	886339	53.773	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	60684	54.399	ug/l	89
82) 4-Chlorotoluene	12.991	91	787670	53.279	ug/l	100
83) tert-Butylbenzene	13.208	119	773431	55.675	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	873169	53.623	ug/l	99
85) sec-Butylbenzene	13.385	105	1155447	54.473	ug/l	99
86) p-Isopropyltoluene	13.502	119	947881	54.820	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	478430	51.820	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	465489	49.946	ug/l	99
89) n-Butylbenzene	13.826	91	909971	55.233	ug/l	99
90) Hexachloroethane	14.096	117	182914	51.125	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	411976	51.573	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	28419	51.711	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	244913	54.003	ug/l	99
94) Hexachlorobutadiene	15.249	225	133375	52.189	ug/l	99
95) Naphthalene	15.379	128	451076	50.466	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	211620	52.634	ug/l	100

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

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