

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
 Data File : VD073559.D
 Acq On : 14 Jun 2022 09:47
 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: Jun 14 15:42:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/15/2022
 Supervised By : Mahesh Dadoda 06/15/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	284899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	447909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	440089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	234400	50.000	ug/l	0.00

06/15/2022
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 Dadoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	162139	53.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.060%	
35) Dibromofluoromethane	7.902	113	162561	56.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.880%	
50) Toluene-d8	10.332	98	609274	55.949	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.900%	
62) 4-Bromofluorobenzene	12.620	95	224070	56.679	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.360%	

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	116732	42.964	ug/l	99
3) Chloromethane	2.209	50	119279	42.809	ug/l	96
4) Vinyl Chloride	2.350	62	119637	45.794	ug/l	97
5) Bromomethane	2.756	94	93600	49.977	ug/l	94
6) Chloroethane	2.914	64	79108	47.517	ug/l	92
7) Trichlorofluoromethane	3.267	101	258250	50.447	ug/l	95
8) Diethyl Ether	3.709	74	64458	43.997	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.091	101	145139	49.573	ug/l	93
10) Methyl Iodide	4.291	142	147966	42.742	ug/l	98
11) Tert butyl alcohol	5.203	59	59956	50.557	ug/l #	94
12) 1,1-Dichloroethene	4.067	96	131557	47.324	ug/l	82
13) Acrolein	3.914	56	22899	170.056	ug/l	98
14) Allyl chloride	4.709	41	190035	45.919	ug/l #	93
15) Acrylonitrile	5.414	53	158568	241.025	ug/l	98
16) Acetone	4.156	43	138928	258.074	ug/l #	89
17) Carbon Disulfide	4.403	76	407428	46.238	ug/l	99
18) Methyl Acetate	4.709	43	66787	44.173	ug/l #	86
19) Methyl tert-butyl Ether	5.473	73	333379	50.249	ug/l	96
20) Methylene Chloride	4.956	84	164649	48.729	ug/l #	82
21) trans-1,2-Dichloroethene	5.467	96	165130	49.104	ug/l	88
22) Diisopropyl ether	6.355	45	453433	50.774	ug/l #	93
23) Vinyl Acetate	6.297	43	1233865	254.682	ug/l #	91
24) 1,1-Dichloroethane	6.255	63	284153	49.637	ug/l	97
25) 2-Butanone	7.202	43	193585	244.397	ug/l #	90
26) 2,2-Dichloropropane	7.202	77	263109	51.265	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	182682	50.253	ug/l	89
28) Bromochloromethane	7.538	49	111940	49.823	ug/l #	70
29) Tetrahydrofuran	7.555	42	125902	249.167	ug/l #	87
30) Chloroform	7.702	83	323292	52.860	ug/l	94
31) Cyclohexane	7.973	56	233475	45.333	ug/l	87
32) 1,1,1-Trichloroethane	7.897	97	284742	52.838	ug/l	95
36) 1,1-Dichloropropene	8.102	75	230023	53.174	ug/l	95
37) Ethyl Acetate	7.285	43	89330	51.122	ug/l #	93
38) Carbon Tetrachloride	8.091	117	255822	56.531	ug/l	98
39) Methylcyclohexane	9.349	83	256984	50.978	ug/l	93
40) Benzene	8.344	78	663548	52.733	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.514	41	46264	48.835	ug/l	#	77
42) 1,2-Dichloroethane	8.414	62	198729	57.123	ug/l		97
43) Isopropyl Acetate	8.444	43	172338	51.261	ug/l	#	91
44) Trichloroethene	9.102	130	184552	52.659	ug/l		94
45) 1,2-Dichloropropane	9.379	63	167186	53.634	ug/l		95
46) Dibromomethane	9.461	93	95024	54.113	ug/l		93
47) Bromodichloromethane	9.649	83	246405	56.000	ug/l		99
48) Methyl methacrylate	9.449	41	86782	52.110	ug/l	#	83
49) 1,4-Dioxane	9.449	88	21587	1068.815	ug/l		95
51) 4-Methyl-2-Pentanone	10.220	43	465183	273.452	ug/l		92
52) Toluene	10.396	92	445290	55.176	ug/l		98
53) t-1,3-Dichloropropene	10.608	75	230830	55.934	ug/l		97
54) cis-1,3-Dichloropropene	10.079	75	261001	54.002	ug/l		87
55) 1,1,2-Trichloroethane	10.791	97	133699	53.384	ug/l		98
56) Ethyl methacrylate	10.649	69	157247	54.801	ug/l	#	83
57) 1,3-Dichloropropane	10.938	76	225480	55.275	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.932	63	304024	257.701	ug/l		92
59) 2-Hexanone	10.973	43	332624	285.507	ug/l		91
60) Dibromochloromethane	11.132	129	177176	57.319	ug/l		100
61) 1,2-Dibromoethane	11.238	107	130385	54.639	ug/l		99
64) Tetrachloroethene	10.867	164	155309	51.837	ug/l		97
65) Chlorobenzene	11.661	112	472516	52.183	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.732	131	186307	54.228	ug/l		99
67) Ethyl Benzene	11.738	91	850844	53.770	ug/l		98
68) m/p-Xylenes	11.843	106	682155	109.853	ug/l		99
69) o-Xylene	12.173	106	311296	54.481	ug/l		97
70) Styrene	12.185	104	555399	56.352	ug/l		98
71) Bromoform	12.349	173	102908	54.779	ug/l	#	97
73) Isopropylbenzene	12.467	105	837070	51.521	ug/l		99
74) N-amyl acetate	12.279	43	174106	48.171	ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.720	83	153744	49.848	ug/l		99
76) 1,2,3-Trichloropropane	12.767	75	113565m	49.873	ug/l		
77) Bromobenzene	12.749	156	199540	50.289	ug/l		92
78) n-propylbenzene	12.808	91	1045959	51.720	ug/l		98
79) 2-Chlorotoluene	12.896	91	595343	50.645	ug/l		96
80) 1,3,5-Trimethylbenzene	12.949	105	742095	52.959	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.514	75	48140	49.621	ug/l		89
82) 4-Chlorotoluene	12.990	91	643929	51.959	ug/l		98
83) tert-Butylbenzene	13.208	119	600370	50.694	ug/l		97
84) 1,2,4-Trimethylbenzene	13.255	105	745334	53.293	ug/l		99
85) sec-Butylbenzene	13.390	105	922528	51.999	ug/l		98
86) p-Isopropyltoluene	13.502	119	784951	53.076	ug/l		100
87) 1,3-Dichlorobenzene	13.502	146	414245	51.129	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	408502	50.966	ug/l		98
89) n-Butylbenzene	13.826	91	729390	52.282	ug/l		99
90) Hexachloroethane	14.096	117	153680	50.178	ug/l		97
91) 1,2-Dichlorobenzene	13.873	146	363862	52.069	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.484	75	24266	49.262	ug/l		86
93) 1,2,4-Trichlorobenzene	15.143	180	209215	49.996	ug/l		99
94) Hexachlorobutadiene	15.249	225	115334	50.245	ug/l		98
95) Naphthalene	15.379	128	379936	45.306	ug/l		100
96) 1,2,3-Trichlorobenzene	15.573	180	185556	50.782	ug/l		98

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

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

06/15/2022
Supervised By :Mahesh
Dadoda

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