

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074015.D
 Acq On : 10 Aug 2022 04:51
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

Quant Time: Aug 10 05:26:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 01:05:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	126439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	214938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	208529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	109635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	49918	44.531	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.060%		
35) Dibromofluoromethane	7.903	113	62432	47.549	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.100%		
50) Toluene-d8	10.332	98	153697	39.627	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	79.260%		
62) 4-Bromofluorobenzene	12.620	95	80953	48.564	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	43651	45.156	ug/l	95
3) Chloromethane	2.209	50	69055	52.878	ug/l	99
4) Vinyl Chloride	2.344	62	92081	42.999	ug/l	100
5) Bromomethane	2.762	94	53899	47.404	ug/l	96
6) Chloroethane	2.915	64	72363	47.498	ug/l	94
7) Trichlorofluoromethane	3.262	101	96642	39.877	ug/l	92
8) Diethyl Ether	3.715	74	26795	51.041	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	56823	43.920	ug/l	98
10) Methyl Iodide	4.297	142	54694	47.955	ug/l	99
11) Tert butyl alcohol	5.226	59	21430	235.621	ug/l #	87
12) 1,1-Dichloroethene	4.056	96	48333	44.949	ug/l	93
13) Acrolein	3.920	56	17719	240.615	ug/l	99
14) Allyl chloride	4.703	41	65753	45.054	ug/l	99
15) Acrylonitrile	5.414	53	65805	267.242	ug/l	97
16) Acetone	4.162	43	50496	216.020	ug/l #	89
17) Carbon Disulfide	4.403	76	108289	47.157	ug/l	98
18) Methyl Acetate	4.714	43	32133	58.661	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	148137	53.589	ug/l	99
20) Methylene Chloride	4.956	84	80322	56.558	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	58142	46.112	ug/l	96
22) Diisopropyl ether	6.356	45	175412	53.887	ug/l	95
23) Vinyl Acetate	6.297	43	473617	53.215	ug/l	99
24) 1,1-Dichloroethane	6.261	63	110766	49.329	ug/l	97
25) 2-Butanone	7.208	43	86215	243.258	ug/l	94
26) 2,2-Dichloropropane	7.203	77	83896	36.273	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	72246	48.985	ug/l	98
28) Bromochloromethane	7.538	49	40505	56.660	ug/l #	98
29) Tetrahydrofuran	7.561	42	54609	280.552	ug/l	99
30) Chloroform	7.703	83	136125	52.283	ug/l	98
31) Cyclohexane	7.979	56	71151	45.679	ug/l	100
32) 1,1,1-Trichloroethane	7.897	97	114866	46.507	ug/l	97
36) 1,1-Dichloropropene	8.103	75	79692	43.121	ug/l	99
37) Ethyl Acetate	7.291	43	41141	50.399	ug/l	96
38) Carbon Tetrachloride	8.091	117	96062	44.151	ug/l	95
39) Methylcyclohexane	9.350	83	80403	40.825	ug/l	97
40) Benzene	8.344	78	248071	47.701	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	19669	47.131	ug/l	95
42) 1,2-Dichloroethane	8.414	62	84367	50.582	ug/l	99
43) Isopropyl Acetate	8.444	43	77191	50.806	ug/l	100
44) Trichloroethene	9.102	130	68649	44.977	ug/l	96
45) 1,2-Dichloropropane	9.379	63	63947	50.193	ug/l	97
46) Dibromomethane	9.467	93	44388	52.661	ug/l	94
47) Bromodichloromethane	9.650	83	105873	50.046	ug/l	99
48) Methyl methacrylate	9.450	41	35966	52.839	ug/l	95
49) 1,4-Dioxane	9.455	88	9739	1020.856	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	211749	269.999	ug/l	100
52) Toluene	10.391	92	164731	48.017	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	87707	47.536	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	98147	46.613	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	57073	51.540	ug/l	98
56) Ethyl methacrylate	10.649	69	63334	52.683	ug/l	96
57) 1,3-Dichloropropane	10.938	76	91222	51.953	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	122152	291.170	ug/l	99
59) 2-Hexanone	10.973	43	143669	270.223	ug/l	95
60) Dibromochloromethane	11.126	129	76005	51.564	ug/l	100
61) 1,2-Dibromoethane	11.232	107	55229	51.170	ug/l	100
64) Tetrachloroethene	10.867	164	58383	44.013	ug/l	94
65) Chlorobenzene	11.655	112	188899	47.378	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.726	131	77148	49.533	ug/l	99
67) Ethyl Benzene	11.732	91	325488	47.200	ug/l	100
68) m/p-Xylenes	11.844	106	265930	96.030	ug/l	100
69) o-Xylene	12.167	106	124752	49.007	ug/l	100
70) Styrene	12.185	104	223970	50.283	ug/l	98
71) Bromoform	12.349	173	46374	49.920	ug/l #	99
73) Isopropylbenzene	12.467	105	328710	46.277	ug/l	99
74) N-amyl acetate	12.273	43	74177	48.978	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	69491	50.303	ug/l	97
76) 1,2,3-Trichloropropane	12.761	75	44500m	53.551	ug/l	
77) Bromobenzene	12.743	156	81010	46.643	ug/l	98
78) n-propylbenzene	12.808	91	403140	46.180	ug/l	99
79) 2-Chlorotoluene	12.891	91	234220	47.237	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	289046	47.592	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	15498	40.084	ug/l	89
82) 4-Chlorotoluene	12.991	91	251657	47.773	ug/l	98
83) tert-Butylbenzene	13.208	119	245553	46.660	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	294553	48.331	ug/l	99
85) sec-Butylbenzene	13.385	105	370595	46.313	ug/l	100
86) p-Isopropyltoluene	13.496	119	314620	46.600	ug/l	98
87) 1,3-Dichlorobenzene	13.496	146	173601	47.641	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	170022	46.129	ug/l	98
89) n-Butylbenzene	13.826	91	288149	45.517	ug/l	99
90) Hexachloroethane	14.096	117	61985	45.618	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	148309	47.155	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11962	48.502	ug/l	94
93) 1,2,4-Trichlorobenzene	15.137	180	84786	44.789	ug/l	99
94) Hexachlorobutadiene	15.237	225	46249	43.194	ug/l	99
95) Naphthalene	15.379	128	174906	49.127	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	80786	47.324	ug/l	99

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

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