

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063022\
 Data File : VD073754.D
 Acq On : 30 Jun 2022 17:27
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Semsettin Yesilyurt 07/01/2022

Quant Time: Jul 01 02:29:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 01 02:25:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	211945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	383649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	345744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	156861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	89793	43.429	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.860%		
35) Dibromofluoromethane	7.909	113	94795	45.484	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.960%		
50) Toluene-d8	10.332	98	319752	41.825	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	83.640%		
62) 4-Bromofluorobenzene	12.620	95	132373	43.900	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	87.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	52796	40.382	ug/l	98
3) Chloromethane	2.209	50	60510	41.249	ug/l	98
4) Vinyl Chloride	2.338	62	70367	42.445	ug/l	93
5) Bromomethane	2.750	94	46489	40.147	ug/l	95
6) Chloroethane	2.909	64	52050	43.198	ug/l	95
7) Trichlorofluoromethane	3.262	101	135336	44.710	ug/l	93
8) Diethyl Ether	3.703	74	45552	44.997	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.085	101	88559	44.122	ug/l	91
10) Methyl Iodide	4.291	142	64713	45.384	ug/l	96
11) Tert butyl alcohol	5.220	59	72990m	143.320	ug/l	
12) 1,1-Dichloroethene	4.056	96	73730	42.857	ug/l	88
13) Acrolein	3.926	56	6413	135.046	ug/l	98
14) Allyl chloride	4.703	41	134621	45.376	ug/l	97
15) Acrylonitrile	5.415	53	128084	232.341	ug/l	99
16) Acetone	4.150	43	97560	226.792	ug/l	91
17) Carbon Disulfide	4.397	76	113005	41.443	ug/l	99
18) Methyl Acetate	4.715	43	54541	32.707	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	257586	46.067	ug/l	97
20) Methylene Chloride	4.956	84	107215	38.371	ug/l	90
21) trans-1,2-Dichloroethene	5.468	96	84973	43.612	ug/l	95
22) Diisopropyl ether	6.362	45	347671	46.538	ug/l	98
23) Vinyl Acetate	6.297	43	971869	257.167	ug/l	98
24) 1,1-Dichloroethane	6.256	63	189221	45.314	ug/l	98
25) 2-Butanone	7.209	43	161624	228.785	ug/l	97
26) 2,2-Dichloropropane	7.203	77	178752	46.325	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	120029	45.679	ug/l	97
28) Bromochloromethane	7.538	49	82056	51.109	ug/l	82
29) Tetrahydrofuran	7.561	42	102500	229.543	ug/l	94
30) Chloroform	7.703	83	203680	46.009	ug/l	98
31) Cyclohexane	7.979	56	132017	40.006	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	177522	45.724	ug/l	97
36) 1,1-Dichloropropene	8.109	75	130657	45.152	ug/l	99
37) Ethyl Acetate	7.285	43	74083	48.563	ug/l	98
38) Carbon Tetrachloride	8.085	117	142600	45.897	ug/l	90
39) Methylcyclohexane	9.350	83	145326	44.096	ug/l	98
40) Benzene	8.344	78	386630	45.234	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	46966	50.656	ug/l	95
42) 1,2-Dichloroethane	8.414	62	120822	46.901	ug/l	100
43) Isopropyl Acetate	8.444	43	153045	47.055	ug/l	95
44) Trichloroethene	9.108	130	104998	46.239	ug/l	93
45) 1,2-Dichloropropane	9.379	63	112097	46.085	ug/l	93
46) Dibromomethane	9.467	93	59986	46.995	ug/l	88
47) Bromodichloromethane	9.650	83	162545	47.069	ug/l	94
48) Methyl methacrylate	9.450	41	70422	48.263	ug/l	93
49) 1,4-Dioxane	9.456	88	16088	937.755	ug/l #	95
51) 4-Methyl-2-Pentanone	10.220	43	395045	238.615	ug/l	96
52) Toluene	10.397	92	259324	45.485	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	156836	46.225	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	177785	46.289	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	90383	47.363	ug/l	99
56) Ethyl methacrylate	10.650	69	119399	47.183	ug/l	94
57) 1,3-Dichloropropane	10.932	76	149691	46.605	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	238479	232.485	ug/l	93
59) 2-Hexanone	10.973	43	268663	238.145	ug/l	96
60) Dibromochloromethane	11.126	129	109653	47.323	ug/l	93
61) 1,2-Dibromoethane	11.238	107	83573	47.405	ug/l	99
64) Tetrachloroethene	10.867	164	75918	42.955	ug/l	90
65) Chlorobenzene	11.661	112	293694	46.030	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	116216	48.308	ug/l	98
67) Ethyl Benzene	11.732	91	543040	46.335	ug/l	98
68) m/p-Xylenes	11.844	106	407818	91.470	ug/l	98
69) o-Xylene	12.167	106	204002	46.742	ug/l	97
70) Styrene	12.185	104	350922	46.950	ug/l	100
71) Bromoform	12.349	173	59333	47.287	ug/l #	99
73) Isopropylbenzene	12.467	105	556173	46.801	ug/l	100
74) N-amyl acetate	12.273	43	153087	47.444	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	112999	47.703	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	73058m	48.736	ug/l	
77) Bromobenzene	12.749	156	113655	46.681	ug/l	86
78) n-propylbenzene	12.808	91	687967	46.253	ug/l	98
79) 2-Chlorotoluene	12.891	91	385638	46.455	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	455903	46.125	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	38400	49.416	ug/l	90
82) 4-Chlorotoluene	12.991	91	396739	46.092	ug/l	100
83) tert-Butylbenzene	13.208	119	405395	46.351	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	453878	46.468	ug/l	99
85) sec-Butylbenzene	13.385	105	625738	46.244	ug/l	97
86) p-Isopropyltoluene	13.502	119	502767	46.367	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	238452	46.994	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	236107	46.686	ug/l	98
89) n-Butylbenzene	13.826	91	507462	46.370	ug/l	99
90) Hexachloroethane	14.091	117	96618	45.073	ug/l	89
91) 1,2-Dichlorobenzene	13.873	146	210719	46.949	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	17167	43.997	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	126242	47.159	ug/l	96
94) Hexachlorobutadiene	15.243	225	61137	46.014	ug/l	96
95) Naphthalene	15.379	128	284772	47.987	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	109743	47.137	ug/l	97

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

