

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005265.D
 Acq On : 28 Jun 2021 21:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/30/2021 7:39:17 PM

Quant Time: Jun 29 01:21:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	273351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	391108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	360460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	182220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112884	49.763	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.520%		
35) Dibromofluoromethane	7.728	113	113415	49.170	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.340%		
50) Toluene-d8	10.185	98	461848	50.069	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.140%		
62) 4-Bromofluorobenzene	12.483	95	149473	48.629	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	74532	41.466	ug/l	99
3) Chloromethane	2.119	50	112674	47.068	ug/l	98
4) Vinyl Chloride	2.259	62	128037	46.780	ug/l	99
5) Bromomethane	2.656	94	88859	51.186	ug/l	99
6) Chloroethane	2.802	64	83215	46.494	ug/l	99
7) Trichlorofluoromethane	3.131	101	169803	46.408	ug/l	99
8) Diethyl Ether	3.540	74	61652	45.040	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	103872	46.369	ug/l	99
10) Methyl Iodide	4.101	142	130658	41.002	ug/l	98
11) Tert butyl alcohol	4.966	59	58464	196.289	ug/l	99
12) 1,1-Dichloroethene	3.881	96	104898	46.349	ug/l	95
13) Acrolein	3.741	56	29206	262.026	ug/l	93
14) Allyl chloride	4.491	41	159743	49.137	ug/l	98
15) Acrylonitrile	5.174	53	143842	226.219	ug/l	99
16) Acetone	3.960	43	105703	201.710	ug/l	100
17) Carbon Disulfide	4.204	76	329886	46.343	ug/l	100
18) Methyl Acetate	4.485	43	61284	44.004	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	276742	44.724	ug/l	99
20) Methylene Chloride	4.728	84	136694	49.256	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	120287	47.731	ug/l	99
22) Diisopropyl ether	6.131	45	336070	49.728	ug/l	98
23) Vinyl Acetate	6.070	43	1043465	238.596	ug/l	98
24) 1,1-Dichloroethane	6.027	63	207247	49.412	ug/l	99
25) 2-Butanone	7.002	43	161898	211.874	ug/l	97
26) 2,2-Dichloropropane	6.990	77	161271	44.092	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	136871	48.291	ug/l	99
28) Bromochloromethane	7.344	49	90460	53.905	ug/l	96
29) Tetrahydrofuran	7.356	42	111444	221.672	ug/l	97
30) Chloroform	7.515	83	208655	48.886	ug/l	99
31) Cyclohexane	7.795	56	184419	45.538	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	185400	48.702	ug/l	99
36) 1,1-Dichloropropene	7.923	75	161795	46.979	ug/l	100
37) Ethyl Acetate	7.088	43	77172	43.453	ug/l	98
38) Carbon Tetrachloride	7.905	117	171088	47.457	ug/l	99
39) Methylcyclohexane	9.191	83	206419	46.312	ug/l	99
40) Benzene	8.167	78	490280	48.278	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	40494m	41.112	ug/l	
42) 1,2-Dichloroethane	8.246	62	130436	47.288	ug/l	99
43) Isopropyl Acetate	8.283	43	144123	44.150	ug/l	99
44) Trichloroethene	8.947	130	136927	47.691	ug/l	100
45) 1,2-Dichloropropane	9.222	63	119081	49.005	ug/l	98
46) Dibromomethane	9.313	93	65234	46.161	ug/l	98
47) Bromodichloromethane	9.502	83	160391	48.404	ug/l	98
48) Methyl methacrylate	9.295	41	65336	45.622	ug/l	96
49) 1,4-Dioxane	9.307	88	16907	909.767	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	380565	222.734	ug/l	98
52) Toluene	10.246	92	314270	48.416	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	164420	45.329	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	190861	46.673	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	94701	45.888	ug/l	99
56) Ethyl methacrylate	10.514	69	124649	44.494	ug/l	95
57) 1,3-Dichloropropane	10.794	76	160912	46.552	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	271000	219.324	ug/l	99
59) 2-Hexanone	10.837	43	254732	216.764	ug/l	98
60) Dibromochloromethane	10.990	129	118368	46.822	ug/l	100
61) 1,2-Dibromoethane	11.093	107	90383	45.023	ug/l	100
64) Tetrachloroethene	10.721	164	126811	47.674	ug/l	98
65) Chlorobenzene	11.520	112	339443	47.511	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	127126	47.940	ug/l	99
67) Ethyl Benzene	11.593	91	591910	48.046	ug/l	100
68) m/p-Xylenes	11.703	106	474966	96.229	ug/l	100
69) o-Xylene	12.032	106	225480	48.243	ug/l	99
70) Styrene	12.044	104	379945	48.347	ug/l	100
71) Bromoform	12.209	173	82632	45.795	ug/l #	98
73) Isopropylbenzene	12.331	105	588356	49.782	ug/l	99
74) N-amyl acetate	12.148	43	124115	44.373	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	105340	45.233	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	69755m	43.163	ug/l	
77) Bromobenzene	12.611	156	149953	47.815	ug/l	99
78) n-propylbenzene	12.672	91	691331	49.607	ug/l	100
79) 2-Chlorotoluene	12.758	91	386822	49.204	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	482086	49.308	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	36217	41.812	ug/l	97
82) 4-Chlorotoluene	12.855	91	397900	48.923	ug/l	100
83) tert-Butylbenzene	13.075	119	430800	49.424	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	476200	49.265	ug/l	99
85) sec-Butylbenzene	13.251	105	623098	49.136	ug/l	99
86) p-Isopropyltoluene	13.373	119	534226	48.826	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	287255	47.976	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	280681	47.405	ug/l	100
89) n-Butylbenzene	13.696	91	461712	48.038	ug/l	100
90) Hexachloroethane	13.959	117	98677	49.925	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	250391	47.173	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	16057	41.393	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	159445	42.621	ug/l	99
94) Hexachlorobutadiene	15.111	225	103954	44.400	ug/l	100
95) Naphthalene	15.239	128	282982	40.984	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	138805	42.130	ug/l	99

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

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