

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
 Data File : VY004068.D
 Acq On : 11 Mar 2021 11:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/12/2021 2:01:58 PM

Quant Time: Mar 12 01:16:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	254559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	395600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	359144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	182173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	121439	48.34	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.68%		
35) Dibromofluoromethane	7.728	113	113888	51.05	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.10%		
50) Toluene-d8	10.185	98	436468	49.91	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.82%		
62) 4-Bromofluorobenzene	12.483	95	157420	48.74	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.48%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	87614	49.88	ug/l	96
3) Chloromethane	2.119	50	124125	50.89	ug/l	99
4) Vinyl Chloride	2.259	62	147645	47.99	ug/l	98
5) Bromomethane	2.655	94	96853	49.28	ug/l	95
6) Chloroethane	2.802	64	93983	50.16	ug/l	100
7) Trichlorofluoromethane	3.137	101	195293	47.76	ug/l	99
8) Diethyl Ether	3.539	74	64631	49.32	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.905	101	111032	48.55	ug/l	98
10) Methyl Iodide	4.100	142	122572	52.44	ug/l	99
11) Tert butyl alcohol	4.966	59	56087	246.94	ug/l #	95
12) 1,1-Dichloroethene	3.881	96	106261	47.48	ug/l	96
13) Acrolein	3.741	56	60775	269.75	ug/l	99
14) Allyl chloride	4.490	41	169075	45.67	ug/l #	89
15) Acrylonitrile	5.173	53	158589	243.47	ug/l	99
16) Acetone	3.960	43	144205	237.82	ug/l	95
17) Carbon Disulfide	4.204	76	301571	45.83	ug/l	98
18) Methyl Acetate	4.490	43	72407	48.33	ug/l	93
19) Methyl tert-butyl Ether	5.234	73	318122	49.92	ug/l	99
20) Methylene Chloride	4.728	84	120764	49.46	ug/l	93
21) trans-1,2-Dichloroethene	5.234	96	122364	48.66	ug/l	94
22) Diisopropyl ether	6.130	45	365046	46.72	ug/l	95
23) Vinyl Acetate	6.069	43	1230863	239.29	ug/l	97
24) 1,1-Dichloroethane	6.027	63	208437	48.05	ug/l	98
25) 2-Butanone	6.996	43	207727	237.64	ug/l	92
26) 2,2-Dichloropropane	6.990	77	201776	48.69	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	139235	48.64	ug/l	94
28) Bromochloromethane	7.344	49	84677	44.70	ug/l	89
29) Tetrahydrofuran	7.356	42	137086	241.42	ug/l	93
30) Chloroform	7.514	83	221262	49.22	ug/l	99
31) Cyclohexane	7.789	56	192251	43.63	ug/l	94
32) 1,1,1-Trichloroethane	7.709	97	205864	49.36	ug/l	99
36) 1,1-Dichloropropene	7.923	75	169806	48.86	ug/l	97
37) Ethyl Acetate	7.088	43	94420	50.43	ug/l	97
38) Carbon Tetrachloride	7.904	117	187663	50.89	ug/l	99
39) Methylcyclohexane	9.185	83	216927	48.32	ug/l	93
40) Benzene	8.167	78	485155	49.55	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.331	41	53528m	46.14	ug/l	
42) 1,2-Dichloroethane	8.246	62	150262	50.21	ug/l	97
43) Isopropyl Acetate	8.276	43	185183	49.29	ug/l	98
44) Trichloroethene	8.941	130	155130	54.71	ug/l	97
45) 1,2-Dichloropropane	9.221	63	120290	49.21	ug/l	100
46) Dibromomethane	9.307	93	72359	51.78	ug/l	97
47) Bromodichloromethane	9.502	83	177780	50.96	ug/l	99
48) Methyl methacrylate	9.294	41	87219	48.86	ug/l	89
49) 1,4-Dioxane	9.307	88	18469	1038.16	ug/l #	88
51) 4-Methyl-2-Pentanone	10.075	43	481834	253.27	ug/l	97
52) Toluene	10.245	92	319448	50.38	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	185340	50.36	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	209950	50.91	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	101841	51.82	ug/l	99
56) Ethyl methacrylate	10.514	69	139525	50.79	ug/l	92
57) 1,3-Dichloropropane	10.794	76	170430	50.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	261504	242.71	ug/l	94
59) 2-Hexanone	10.837	43	340218	254.53	ug/l	98
60) Dibromochloromethane	10.989	129	132456	53.68	ug/l	98
61) 1,2-Dibromoethane	11.093	107	100378	52.45	ug/l	97
64) Tetrachloroethene	10.721	164	171581	57.07	ug/l	95
65) Chlorobenzene	11.520	112	349464	50.78	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	131728	51.16	ug/l	99
67) Ethyl Benzene	11.593	91	622685	49.28	ug/l	98
68) m/p-Xylenes	11.703	106	482452	100.11	ug/l	96
69) o-Xylene	12.032	106	227326	49.90	ug/l	96
70) Styrene	12.044	104	389416	49.92	ug/l	98
71) Bromoform	12.209	173	81375	52.82	ug/l #	98
73) Isopropylbenzene	12.330	105	624573	49.33	ug/l	99
74) N-amyl acetate	12.148	43	174357	48.08	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.586	83	97086	44.14	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	83368m	47.73	ug/l	
77) Bromobenzene	12.611	156	149222	51.02	ug/l	98
78) n-propylbenzene	12.672	91	727090	48.74	ug/l	98
79) 2-Chlorotoluene	12.757	91	406240	48.51	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	529543	49.31	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	43347	48.98	ug/l #	76
82) 4-Chlorotoluene	12.855	91	429548	48.46	ug/l	97
83) tert-Butylbenzene	13.074	119	462732	50.08	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	529145	49.20	ug/l	96
85) sec-Butylbenzene	13.257	105	634241	49.78	ug/l	99
86) p-Isopropyltoluene	13.373	119	590027	49.95	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	284814	50.44	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	286379	50.82	ug/l	99
89) n-Butylbenzene	13.696	91	552561	49.16	ug/l	98
90) Hexachloroethane	13.964	117	105749	49.82	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	258665	51.65	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	21170	50.94	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	178785	52.64	ug/l	98
94) Hexachlorobutadiene	15.110	225	98418	51.69	ug/l	99
95) Naphthalene	15.238	128	366788	54.51	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	153992	53.92	ug/l	98

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

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