

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004128.D
 Acq On : 19 Mar 2021 10:21
 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
 3/22/2021 11:35:29 AM

Quant Time: Mar 20 03:10:31 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	7.801	168	204113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	286176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95258	47.29	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.58%		
35) Dibromofluoromethane	7.728	113	91665	51.20	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.40%		
50) Toluene-d8	10.185	98	339723	48.40	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.80%		
62) 4-Bromofluorobenzene	12.483	95	121718	46.96	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.92%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	63648	44.65	ug/l	98
3) Chloromethane	2.119	50	92597	47.04	ug/l	98
4) Vinyl Chloride	2.259	62	111740	45.30	ug/l	99
5) Bromomethane	2.656	94	75354	47.81	ug/l	93
6) Chloroethane	2.802	64	72755	48.43	ug/l	98
7) Trichlorofluoromethane	3.137	101	164232	50.09	ug/l	99
8) Diethyl Ether	3.540	74	52531	49.99	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.912	101	93982	51.25	ug/l	98
10) Methyl Iodide	4.107	142	102627	54.76	ug/l	100
11) Tert butyl alcohol	4.972	59	42220	231.83	ug/l	96
12) 1,1-Dichloroethene	3.881	96	89538	49.89	ug/l	96
13) Acrolein	3.741	56	45978	254.51	ug/l	99
14) Allyl chloride	4.497	41	136545	46.00	ug/l #	89
15) Acrylonitrile	5.180	53	126133	241.51	ug/l	100
16) Acetone	3.960	43	130766	268.96	ug/l	92
17) Carbon Disulfide	4.210	76	237246	44.96	ug/l	98
18) Methyl Acetate	4.491	43	58212	48.46	ug/l	92
19) Methyl tert-butyl Ether	5.234	73	261546	51.19	ug/l	97
20) Methylene Chloride	4.728	84	104296	53.71	ug/l	94
21) trans-1,2-Dichloroethene	5.234	96	101182	50.18	ug/l	95
22) Diisopropyl ether	6.131	45	301242	48.08	ug/l #	93
23) Vinyl Acetate	6.076	43	975098	236.42	ug/l #	95
24) 1,1-Dichloroethane	6.033	63	174299	50.11	ug/l	98
25) 2-Butanone	6.996	43	171771	245.08	ug/l	93
26) 2,2-Dichloropropane	6.996	77	169309	50.96	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	119003	51.84	ug/l	92
28) Bromochloromethane	7.344	49	70257	46.25	ug/l	88
29) Tetrahydrofuran	7.356	42	105607	231.94	ug/l	92
30) Chloroform	7.521	83	190619	52.88	ug/l	96
31) Cyclohexane	7.795	56	155127	43.90	ug/l	91
32) 1,1,1-Trichloroethane	7.716	97	173970	52.02	ug/l	99
36) 1,1-Dichloropropene	7.929	75	141807	50.84	ug/l	97
37) Ethyl Acetate	7.082	43	74433	49.54	ug/l	99
38) Carbon Tetrachloride	7.911	117	158791	53.66	ug/l	98
39) Methylcyclohexane	9.191	83	176118	48.88	ug/l	90
40) Benzene	8.167	78	405912	51.66	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	39183m	42.09	ug/l	
42) 1,2-Dichloroethane	8.246	62	125529	52.27	ug/l	96
43) Isopropyl Acetate	8.283	43	144029	47.77	ug/l	95
44) Trichloroethene	8.947	130	126679	55.67	ug/l	100
45) 1,2-Dichloropropane	9.222	63	101365	51.67	ug/l	98
46) Dibromomethane	9.313	93	60873	54.28	ug/l	97
47) Bromodichloromethane	9.502	83	149488	53.39	ug/l	98
48) Methyl methacrylate	9.301	41	67151	46.88	ug/l #	87
49) 1,4-Dioxane	9.301	88	14378	1007.08	ug/l	91
51) 4-Methyl-2-Pentanone	10.075	43	367982	241.02	ug/l	96
52) Toluene	10.246	92	268068	52.68	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	153960	52.12	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	172969	52.26	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	84081	53.31	ug/l	98
56) Ethyl methacrylate	10.514	69	110978	50.34	ug/l	91
57) 1,3-Dichloropropane	10.794	76	141043	52.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	213087	246.74	ug/l	95
59) 2-Hexanone	10.837	43	258499	240.98	ug/l	97
60) Dibromochloromethane	10.990	129	109754	55.43	ug/l	99
61) 1,2-Dibromoethane	11.093	107	81853	53.30	ug/l	99
64) Tetrachloroethene	10.721	164	140049	58.46	ug/l	95
65) Chlorobenzene	11.520	112	296115	54.00	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	112666	54.92	ug/l	100
67) Ethyl Benzene	11.599	91	526628	52.30	ug/l	97
68) m/p-Xylenes	11.709	106	406192	105.78	ug/l	94
69) o-Xylene	12.032	106	192465	53.02	ug/l	94
70) Styrene	12.050	104	326527	52.53	ug/l	98
71) Bromoform	12.215	173	68216	55.57	ug/l #	100
73) Isopropylbenzene	12.337	105	523916	53.02	ug/l	99
74) N-amyl acetate	12.148	43	130253	46.02	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	83583	48.69	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	70411m	51.65	ug/l	
77) Bromobenzene	12.611	156	126801	55.54	ug/l	96
78) n-propylbenzene	12.678	91	607320	52.17	ug/l	97
79) 2-Chlorotoluene	12.764	91	338095	51.73	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	436542	52.09	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	34261	49.60	ug/l	99
82) 4-Chlorotoluene	12.861	91	356257	51.50	ug/l	96
83) tert-Butylbenzene	13.081	119	383578	53.19	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	441139	52.56	ug/l	97
85) sec-Butylbenzene	13.257	105	523452	52.64	ug/l	98
86) p-Isopropyltoluene	13.373	119	487719	52.91	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	238868	54.20	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	237702	54.04	ug/l	99
89) n-Butylbenzene	13.702	91	447216	50.98	ug/l	99
90) Hexachloroethane	13.965	117	87547	52.85	ug/l	86
91) 1,2-Dichlorobenzene	13.745	146	214282	54.82	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15495	47.77	ug/l	88
93) 1,2,4-Trichlorobenzene	15.013	180	138642	52.30	ug/l	98
94) Hexachlorobutadiene	15.117	225	76779	51.67	ug/l	99
95) Naphthalene	15.239	128	267021	50.84	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	115443	51.79	ug/l	98

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

