

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
 Data File : VY004233.D
 Acq On : 30 Mar 2021 17:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 4:20:37 PM

Quant Time: Mar 31 01:46:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	250125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	403865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	352288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	118342	49.22	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.44%		
35) Dibromofluoromethane	7.728	113	105204	46.75	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.50%		
50) Toluene-d8	10.185	98	394859	46.65	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.30%		
62) 4-Bromofluorobenzene	12.483	95	136036	46.90	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.80%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	104543	48.26	ug/l	98
3) Chloromethane	2.119	50	149903	51.27	ug/l	100
4) Vinyl Chloride	2.259	62	187599	57.57	ug/l	97
5) Bromomethane	2.662	94	85166	47.51	ug/l	97
6) Chloroethane	2.802	64	103479	48.98	ug/l	99
7) Trichlorofluoromethane	3.137	101	210950	49.81	ug/l	95
8) Diethyl Ether	3.540	74	77494	57.02	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	117189	50.82	ug/l	99
10) Methyl Iodide	4.107	142	138023	51.80	ug/l	99
11) Tert butyl alcohol	4.979	59	57447	293.60	ug/l	99
12) 1,1-Dichloroethene	3.887	96	117950	52.14	ug/l	96
13) Acrolein	3.741	56	40640	258.91	ug/l	100
14) Allyl chloride	4.497	41	214490	59.50	ug/l	95
15) Acrylonitrile	5.186	53	186426	288.22	ug/l	99
16) Acetone	3.960	43	143943	287.34	ug/l	100
17) Carbon Disulfide	4.210	76	335845	56.45	ug/l	99
18) Methyl Acetate	4.491	43	93901	58.56	ug/l	100
19) Methyl tert-butyl Ether	5.241	73	372486	55.73	ug/l	98
20) Methylene Chloride	4.735	84	138154	56.61	ug/l	99
21) trans-1,2-Dichloroethene	5.235	96	137308	54.06	ug/l	95
22) Diisopropyl ether	6.137	45	463120	58.50	ug/l	98
23) Vinyl Acetate	6.076	43	1556972	292.36	ug/l	99
24) 1,1-Dichloroethane	6.033	63	242887	56.31	ug/l	99
25) 2-Butanone	7.003	43	246119	294.10	ug/l	100
26) 2,2-Dichloropropane	6.996	77	206954	51.27	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	153802	53.48	ug/l	97
28) Bromochloromethane	7.350	49	92569	52.79	ug/l	96
29) Tetrahydrofuran	7.362	42	172796	293.07	ug/l	96
30) Chloroform	7.521	83	245216	53.43	ug/l	96
31) Cyclohexane	7.795	56	220937	51.99	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	216845	51.64	ug/l	99
36) 1,1-Dichloropropene	7.929	75	187396	50.83	ug/l	99
37) Ethyl Acetate	7.088	43	116830	54.02	ug/l	99
38) Carbon Tetrachloride	7.911	117	171711	53.56	ug/l	99
39) Methylcyclohexane	9.191	83	231251	50.66	ug/l	99
40) Benzene	8.173	78	552615	52.88	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	59061m	49.29	ug/l	
42) 1,2-Dichloroethane	8.246	62	169826	51.71	ug/l	99
43) Isopropyl Acetate	8.283	43	229328	56.00	ug/l	99
44) Trichloroethene	8.947	130	156061	46.90	ug/l	93
45) 1,2-Dichloropropane	9.222	63	140291	54.32	ug/l	97
46) Dibromomethane	9.313	93	78281	51.55	ug/l	98
47) Bromodichloromethane	9.502	83	189006	52.17	ug/l	99
48) Methyl methacrylate	9.301	41	105299	56.62	ug/l	99
49) 1,4-Dioxane	9.307	88	19985	1217.26	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	578604	277.32	ug/l	100
52) Toluene	10.252	92	350714	52.20	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	203361	52.64	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	228025	52.82	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	106684	51.28	ug/l	97
56) Ethyl methacrylate	10.514	69	158228	55.43	ug/l	96
57) 1,3-Dichloropropane	10.795	76	189660	52.83	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	265394	217.31	ug/l	96
59) 2-Hexanone	10.837	43	397651	277.24	ug/l	99
60) Dibromochloromethane	10.990	129	128665	51.58	ug/l	100
61) 1,2-Dibromoethane	11.093	107	103332	50.33	ug/l	100
64) Tetrachloroethene	10.721	164	156291	45.09	ug/l	99
65) Chlorobenzene	11.520	112	360914	51.37	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	129722	51.54	ug/l	98
67) Ethyl Benzene	11.599	91	667713	52.34	ug/l	99
68) m/p-Xylenes	11.709	106	505510	103.19	ug/l	98
69) o-Xylene	12.032	106	237453	51.80	ug/l	99
70) Styrene	12.050	104	395917	51.92	ug/l	100
71) Bromoform	12.215	173	75972	53.01	ug/l #	99
73) Isopropylbenzene	12.331	105	625899	51.83	ug/l	99
74) N-amyl acetate	12.148	43	203920	57.78	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	119404	53.42	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	88618m	59.04	ug/l	
77) Bromobenzene	12.611	156	144587	51.14	ug/l	95
78) n-propylbenzene	12.672	91	729423	52.21	ug/l	99
79) 2-Chlorotoluene	12.758	91	407249	53.06	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	518993	52.69	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	46082	56.59	ug/l	94
82) 4-Chlorotoluene	12.855	91	429661	53.18	ug/l	98
83) tert-Butylbenzene	13.081	119	447387	52.56	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	521362	52.77	ug/l	100
85) sec-Butylbenzene	13.258	105	602414	51.41	ug/l	99
86) p-Isopropyltoluene	13.373	119	552645	50.70	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	266438	50.51	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	266704	51.18	ug/l	99
89) n-Butylbenzene	13.696	91	508201	50.70	ug/l	99
90) Hexachloroethane	13.965	117	61546	61.62	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	242866	51.29	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	20331	48.75	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	166697	49.54	ug/l	99
94) Hexachlorobutadiene	15.111	225	86328	48.24	ug/l	100
95) Naphthalene	15.239	128	364047	51.00	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	147800	48.07	ug/l	99

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

