

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
 Data File : VY004323.D
 Acq On : 07 Apr 2021 18:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/8/2021 3:08:43 PM

Quant Time: Apr 08 01:03:17 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	163496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	273017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	242757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	81845	52.07	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.14%			
35) Dibromofluoromethane	7.728	113	68264	44.87	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.74%			
50) Toluene-d8	10.185	98	266413	46.56	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.12%			
62) 4-Bromofluorobenzene	12.483	95	92678	47.26	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.52%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	66180	46.74	ug/l	98
3) Chloromethane	2.119	50	99331	51.97	ug/l	98
4) Vinyl Chloride	2.259	62	104333	48.98	ug/l	99
5) Bromomethane	2.662	94	50939	43.47	ug/l	97
6) Chloroethane	2.802	64	65753	47.62	ug/l	98
7) Trichlorofluoromethane	3.137	101	134521	48.59	ug/l	99
8) Diethyl Ether	3.540	74	48780	54.91	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.911	101	76521	50.77	ug/l	98
10) Methyl Iodide	4.107	142	87340	50.15	ug/l	100
11) Tert butyl alcohol	4.978	59	42273	330.53	ug/l	97
12) 1,1-Dichloroethene	3.887	96	74886	50.64	ug/l	93
13) Acrolein	3.741	56	23148	222.27	ug/l	98
14) Allyl chloride	4.491	41	144855	61.48	ug/l	95
15) Acrylonitrile	5.180	53	132921	314.38	ug/l	99
16) Acetone	3.960	43	101940	311.32	ug/l	98
17) Carbon Disulfide	4.204	76	216478	55.67	ug/l	99
18) Methyl Acetate	4.491	43	68645	65.50	ug/l	96
19) Methyl tert-butyl Ether	5.240	73	243910	55.83	ug/l	99
20) Methylene Chloride	4.734	84	91315	57.27	ug/l	95
21) trans-1,2-Dichloroethene	5.234	96	87920	52.96	ug/l	93
22) Diisopropyl ether	6.131	45	326153	63.02	ug/l	97
23) Vinyl Acetate	6.076	43	1067755	306.73	ug/l	96
24) 1,1-Dichloroethane	6.033	63	163213	57.89	ug/l	99
25) 2-Butanone	7.002	43	178252	325.86	ug/l	96
26) 2,2-Dichloropropane	6.996	77	139861	53.01	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	100524	53.47	ug/l	95
28) Bromochloromethane	7.350	49	67378	58.79	ug/l	88
29) Tetrahydrofuran	7.362	42	122264	317.24	ug/l	93
30) Chloroform	7.521	83	162937	54.31	ug/l	99
31) Cyclohexane	7.795	56	148707	53.54	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	142490	51.92	ug/l	98
36) 1,1-Dichloropropene	7.929	75	124872	50.10	ug/l	98
37) Ethyl Acetate	7.088	43	80773	55.24	ug/l	99
38) Carbon Tetrachloride	7.911	117	115007	53.06	ug/l	98
39) Methylcyclohexane	9.191	83	149668	48.50	ug/l	98
40) Benzene	8.173	78	364741	51.63	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	40426m	49.90	ug/l	
42) 1,2-Dichloroethane	8.246	62	114545	51.59	ug/l	100
43) Isopropyl Acetate	8.283	43	161027	58.17	ug/l	97
44) Trichloroethene	8.947	130	99875	44.40	ug/l	95
45) 1,2-Dichloropropane	9.222	63	96457	55.24	ug/l	98
46) Dibromomethane	9.313	93	52384	51.02	ug/l	96
47) Bromodichloromethane	9.502	83	127552	52.08	ug/l	99
48) Methyl methacrylate	9.301	41	74897	59.57	ug/l	96
49) 1,4-Dioxane	9.307	88	13543	1219.93	ug/l #	82
51) 4-Methyl-2-Pentanone	10.075	43	420225	297.94	ug/l	98
52) Toluene	10.252	92	233024	51.30	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	138575	53.06	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	156522	53.64	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	72363	51.45	ug/l	99
56) Ethyl methacrylate	10.514	69	106193	55.03	ug/l	95
57) 1,3-Dichloropropane	10.794	76	129207	53.24	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	195210	236.45	ug/l	95
59) 2-Hexanone	10.837	43	288557	297.59	ug/l	97
60) Dibromochloromethane	10.989	129	86185	51.11	ug/l	99
61) 1,2-Dibromoethane	11.093	107	70491	50.78	ug/l	98
64) Tetrachloroethene	10.727	164	97247	40.71	ug/l	99
65) Chlorobenzene	11.520	112	239974	49.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	87194	50.28	ug/l	98
67) Ethyl Benzene	11.599	91	447358	50.88	ug/l	99
68) m/p-Xylenes	11.703	106	333374	98.76	ug/l	98
69) o-Xylene	12.032	106	155133	49.11	ug/l	97
70) Styrene	12.050	104	265723	50.57	ug/l	100
71) Bromoform	12.215	173	50340	50.97	ug/l #	100
73) Isopropylbenzene	12.331	105	419715	49.34	ug/l	98
74) N-amyl acetate	12.148	43	148350	59.67	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	82527	52.42	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	61459m	58.13	ug/l	
77) Bromobenzene	12.611	156	95594	48.00	ug/l	92
78) n-propylbenzene	12.672	91	497055	50.51	ug/l	98
79) 2-Chlorotoluene	12.757	91	273150	50.52	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	343738	49.54	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	31699	55.26	ug/l	95
82) 4-Chlorotoluene	12.861	91	286443	50.33	ug/l	98
83) tert-Butylbenzene	13.081	119	293360	48.93	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	349857	50.27	ug/l	98
85) sec-Butylbenzene	13.257	105	409165	49.57	ug/l	98
86) p-Isopropyltoluene	13.373	119	373487	48.64	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	180361	48.54	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	179379	48.87	ug/l	99
89) n-Butylbenzene	13.696	91	358774	50.81	ug/l	99
90) Hexachloroethane	13.965	117	53383	74.19	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	161593	48.45	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14216	48.39	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	109897	46.37	ug/l	99
94) Hexachlorobutadiene	15.117	225	57985	46.00	ug/l	100
95) Naphthalene	15.239	128	242910	48.31	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	97454	45.00	ug/l	98

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

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