

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021221\
 Data File : VY004020.D
 Acq On : 12 Feb 2021 12:56
 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
 2/15/2021 10:26:10 AM

Quant Time: Feb 13 00:09:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	88251	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	137976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	122474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46685	48.11	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.22%		
35) Dibromofluoromethane	7.722	113	40158	49.78	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.56%		
50) Toluene-d8	10.179	98	152241	48.09	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.18%		
62) 4-Bromofluorobenzene	12.477	95	56203	48.70	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.40%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	36051	41.21	ug/l	99
3) Chloromethane	2.113	50	47997	43.56	ug/l	99
4) Vinyl Chloride	2.253	62	52012	45.28	ug/l	99
5) Bromomethane	2.650	94	32770	40.05	ug/l	94
6) Chloroethane	2.796	64	31255	43.41	ug/l	100
7) Trichlorofluoromethane	3.131	101	70687	44.40	ug/l	92
8) Diethyl Ether	3.528	74	23839	47.87	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	39329	47.87	ug/l	98
10) Methyl Iodide	4.095	142	48682	47.89	ug/l	95
11) Tert butyl alcohol	4.954	59	18806	208.17	ug/l	96
12) 1,1-Dichloroethene	3.875	96	38717	48.61	ug/l	95
13) Acrolein	3.729	56	26430	295.43	ug/l	97
14) Allyl chloride	4.485	41	79426	54.15	ug/l	98
15) Acrylonitrile	5.168	53	60354	238.13	ug/l	100
16) Acetone	3.948	43	53120	222.99	ug/l	99
17) Carbon Disulfide	4.198	76	122389	46.75	ug/l	96
18) Methyl Acetate	4.485	43	29766	50.13	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	114048	46.89	ug/l	97
20) Methylene Chloride	4.716	84	46141	45.62	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	44153	48.16	ug/l	94
22) Diisopropyl ether	6.119	45	160431	54.97	ug/l	98
23) Vinyl Acetate	6.064	43	517110	260.05	ug/l	99
24) 1,1-Dichloroethane	6.021	63	83650	51.71	ug/l	99
25) 2-Butanone	6.990	43	78734	231.98	ug/l	98
26) 2,2-Dichloropropane	6.984	77	71984	46.70	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	49271	48.43	ug/l	98
28) Bromochloromethane	7.338	49	43463	62.37	ug/l	99
29) Tetrahydrofuran	7.350	42	53984	249.55	ug/l	99
30) Chloroform	7.509	83	81971	48.21	ug/l	100
31) Cyclohexane	7.783	56	77281	47.43	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	73462	46.84	ug/l	99
36) 1,1-Dichloropropene	7.917	75	64121	45.95	ug/l	97
37) Ethyl Acetate	7.076	43	37432	47.42	ug/l	98
38) Carbon Tetrachloride	7.899	117	64170	42.56	ug/l	98
39) Methylcyclohexane	9.179	83	75765	45.55	ug/l	98
40) Benzene	8.161	78	181195	46.97	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	26560m	51.01	ug/l	
42) 1,2-Dichloroethane	8.240	62	57683	43.43	ug/l	98
43) Isopropyl Acetate	8.271	43	72262	47.06	ug/l	99
44) Trichloroethene	8.941	130	48554	45.55	ug/l	100
45) 1,2-Dichloropropane	9.216	63	47623	49.87	ug/l	100
46) Dibromomethane	9.307	93	23981	43.95	ug/l	97
47) Bromodichloromethane	9.496	83	64299	45.56	ug/l	95
48) Methyl methacrylate	9.289	41	34425	45.89	ug/l	97
49) 1,4-Dioxane	9.301	88	5384	927.82	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	182626	232.88	ug/l	98
52) Toluene	10.240	92	111217	45.67	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	67722	45.56	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	76892	46.65	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	34867	46.10	ug/l	98
56) Ethyl methacrylate	10.508	69	49663	45.99	ug/l	97
57) 1,3-Dichloropropane	10.788	76	61214	45.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	117275	239.54	ug/l	98
59) 2-Hexanone	10.831	43	125296	227.94	ug/l	97
60) Dibromochloromethane	10.984	129	42415	43.03	ug/l	99
61) 1,2-Dibromoethane	11.087	107	32694	43.21	ug/l	99
64) Tetrachloroethene	10.715	164	51509	46.90	ug/l	99
65) Chlorobenzene	11.514	112	114996	46.32	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	43985	45.42	ug/l	100
67) Ethyl Benzene	11.593	91	220661	47.41	ug/l	100
68) m/p-Xylenes	11.703	106	160111	92.82	ug/l	100
69) o-Xylene	12.026	106	76761	47.83	ug/l	99
70) Styrene	12.044	104	132694	47.93	ug/l	99
71) Bromoform	12.209	173	26735	43.13	ug/l #	97
73) Isopropylbenzene	12.331	105	210026	51.30	ug/l	98
74) N-amyl acetate	12.142	43	66099	54.92	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	36652	49.36	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	28851m	50.06	ug/l	
77) Bromobenzene	12.605	156	50085	49.35	ug/l	99
78) n-propylbenzene	12.666	91	252132	51.75	ug/l	98
79) 2-Chlorotoluene	12.752	91	135561	48.59	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	176012	50.09	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	15183	50.35	ug/l	99
82) 4-Chlorotoluene	12.855	91	147108	49.85	ug/l	99
83) tert-Butylbenzene	13.075	119	149958	51.33	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	176066	49.99	ug/l	100
85) sec-Butylbenzene	13.251	105	201777	49.84	ug/l	100
86) p-Isopropyltoluene	13.367	119	179644	47.57	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	89357	46.72	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	89177	47.21	ug/l	98
89) n-Butylbenzene	13.696	91	165965	47.34	ug/l	98
90) Hexachloroethane	13.959	117	34408	49.77	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	79613	46.72	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6843	44.71	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	58279	49.41	ug/l	100
94) Hexachlorobutadiene	15.111	225	38224	50.43	ug/l	99
95) Naphthalene	15.233	128	104684	47.29	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	49350	48.57	ug/l	99

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

