

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
 Data File : VY003912.D
 Acq On : 12 Jan 2021 19:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/13/2021 4:36:44 PM

Quant Time: Jan 13 02:36:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	167829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	125583	48.17	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.34%		
35) Dibromofluoromethane	7.722	113	104390	49.83	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.66%		
50) Toluene-d8	10.179	98	413049	48.65	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.30%		
62) 4-Bromofluorobenzene	12.477	95	149430	48.19	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.38%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	88581	42.29	ug/l	97
3) Chloromethane	2.113	50	127874	49.66	ug/l	100
4) Vinyl Chloride	2.253	62	139938	46.61	ug/l	98
5) Bromomethane	2.656	94	98170	45.45	ug/l	92
6) Chloroethane	2.796	64	88704	48.00	ug/l	97
7) Trichlorofluoromethane	3.131	101	180329	45.89	ug/l	100
8) Diethyl Ether	3.534	74	62923	49.92	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.906	101	99979	49.09	ug/l	94
10) Methyl Iodide	4.095	142	119891	49.47	ug/l	100
11) Tert butyl alcohol	4.960	59	61646	227.44	ug/l	99
12) 1,1-Dichloroethene	3.881	96	98443	49.50	ug/l	96
13) Acrolein	3.735	56	61338	237.84	ug/l	99
14) Allyl chloride	4.485	41	206497	47.98	ug/l	97
15) Acrylonitrile	5.168	53	177553	251.93	ug/l	98
16) Acetone	3.954	43	143055	221.91	ug/l	100
17) Carbon Disulfide	4.198	76	319592	48.24	ug/l	98
18) Methyl Acetate	4.485	43	87632	51.11	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	319580	51.61	ug/l	100
20) Methylene Chloride	4.723	84	126234	52.26	ug/l	90
21) trans-1,2-Dichloroethene	5.229	96	113243	49.68	ug/l	91
22) Diisopropyl ether	6.125	45	421697	50.27	ug/l	98
23) Vinyl Acetate	6.070	43	1457573	250.85	ug/l	97
24) 1,1-Dichloroethane	6.027	63	210523	50.09	ug/l	99
25) 2-Butanone	6.990	43	252103	250.99	ug/l	95
26) 2,2-Dichloropropane	6.984	77	178366	45.37	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	130907	52.08	ug/l	97
28) Bromochloromethane	7.338	49	100454	51.48	ug/l	85
29) Tetrahydrofuran	7.350	42	171777	254.38	ug/l	95
30) Chloroform	7.509	83	215708	51.12	ug/l	99
31) Cyclohexane	7.789	56	199758	45.69	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	190047	48.33	ug/l	98
36) 1,1-Dichloropropene	7.923	75	165879	47.27	ug/l	99
37) Ethyl Acetate	7.076	43	116310	49.25	ug/l	97
38) Carbon Tetrachloride	7.905	117	170299	45.85	ug/l	97
39) Methylcyclohexane	9.185	83	202909	48.07	ug/l	98
40) Benzene	8.161	78	471319	49.04	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	64158m	48.31	ug/l	
42) 1,2-Dichloroethane	8.240	62	156650	47.36	ug/l	99
43) Isopropyl Acetate	8.277	43	222297	49.44	ug/l	95
44) Trichloroethene	8.941	130	128059	48.71	ug/l	100
45) 1,2-Dichloropropane	9.216	63	124321	49.88	ug/l	99
46) Dibromomethane	9.307	93	68981	49.82	ug/l	94
47) Bromodichloromethane	9.496	83	170001	49.19	ug/l	98
48) Methyl methacrylate	9.295	41	104534	49.11	ug/l	95
49) 1,4-Dioxane	9.295	88	18277	974.77	ug/l	87
51) 4-Methyl-2-Pentanone	10.069	43	587542	246.36	ug/l	97
52) Toluene	10.240	92	299059	49.12	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	181340	48.59	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	203258	49.92	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	96037	51.10	ug/l	97
56) Ethyl methacrylate	10.508	69	148770	52.62	ug/l	96
57) 1,3-Dichloropropane	10.789	76	169349	49.53	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	325744	232.06	ug/l	98
59) 2-Hexanone	10.831	43	412307	248.34	ug/l	96
60) Dibromochloromethane	10.984	129	120859	49.67	ug/l	100
61) 1,2-Dibromoethane	11.087	107	94976	51.47	ug/l	98
64) Tetrachloroethene	10.715	164	140682	47.65	ug/l	98
65) Chlorobenzene	11.514	112	315492	49.02	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	120168	48.93	ug/l	98
67) Ethyl Benzene	11.587	91	586261	48.50	ug/l	98
68) m/p-Xylenes	11.697	106	434801	97.05	ug/l	96
69) o-Xylene	12.026	106	203775	48.53	ug/l	96
70) Styrene	12.038	104	362294	50.30	ug/l	98
71) Bromoform	12.203	173	80355	49.77	ug/l #	99
73) Isopropylbenzene	12.325	105	566473	49.86	ug/l	99
74) N-amyl acetate	12.142	43	208786	51.37	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	112053	51.97	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	82820m	48.38	ug/l	
77) Bromobenzene	12.605	156	137976	49.74	ug/l	87
78) n-propylbenzene	12.666	91	672158	49.41	ug/l	98
79) 2-Chlorotoluene	12.752	91	382855	49.93	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	485197	49.37	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	44959	49.86	ug/l #	96
82) 4-Chlorotoluene	12.849	91	398361	48.82	ug/l	97
83) tert-Butylbenzene	13.069	119	414052	49.76	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	482536	49.49	ug/l	99
85) sec-Butylbenzene	13.252	105	563234	49.23	ug/l	98
86) p-Isopropyltoluene	13.367	119	525624	48.77	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	260699	48.72	ug/l	98
88) 1,4-Dichlorobenzene	13.441	146	258129	49.17	ug/l	99
89) n-Butylbenzene	13.690	91	492505	48.11	ug/l	98
90) Hexachloroethane	13.959	117	97023	49.71	ug/l	93
91) 1,2-Dichlorobenzene	13.733	146	234870	50.17	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21555	47.50	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	164471	47.67	ug/l	99
94) Hexachlorobutadiene	15.105	225	105009	46.02	ug/l	98
95) Naphthalene	15.233	128	330162	50.79	ug/l	98
96) 1,2,3-Trichlorobenzene	15.416	180	144223	47.48	ug/l	99

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

