

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010721\
 Data File : VY003879.D
 Acq On : 07 Jan 2021 14:25
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 1/8/2021 2:30:50 PM

Quant Time: Jan 08 04:02:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010721S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 08 03:54:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	236131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	328610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	314433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173599	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	302317	100.09	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 200.18%#			
35) Dibromofluoromethane	7.722	113	264033	102.02	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 204.04%#			
50) Toluene-d8	10.179	98	1049062	102.63	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 205.26%#			
62) 4-Bromofluorobenzene	12.477	95	376327	104.44	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 208.88%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	243546	97.76	ug/l	97
3) Chloromethane	2.119	50	309930	96.95	ug/l	100
4) Vinyl Chloride	2.253	62	343833	101.32	ug/l	99
5) Bromomethane	2.644	94	235769	85.47	ug/l	97
6) Chloroethane	2.790	64	199061	96.70	ug/l	97
7) Trichlorofluoromethane	3.125	101	443411	96.42	ug/l	98
8) Diethyl Ether	3.534	74	144509	99.68	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	241190	96.64	ug/l	99
10) Methyl Iodide	4.095	142	337830	135.82	ug/l	99
11) Tert butyl alcohol	4.966	59	134474	524.82	ug/l	99
12) 1,1-Dichloroethene	3.875	96	233772	97.76	ug/l	97
13) Acrolein	3.735	56	158531	532.40	ug/l	99
14) Allyl chloride	4.485	41	440827	103.40	ug/l	98
15) Acrylonitrile	5.174	53	388775	516.40	ug/l	99
16) Acetone	3.954	43	339707	541.74	ug/l	96
17) Carbon Disulfide	4.198	76	731629	96.97	ug/l	98
18) Methyl Acetate	4.485	43	179034	101.13	ug/l	98
19) Methyl tert-butyl Ether	5.229	73	724007	104.57	ug/l	98
20) Methylene Chloride	4.723	84	267639	84.24	ug/l	94
21) trans-1,2-Dichloroethene	5.229	96	271582	99.19	ug/l	98
22) Diisopropyl ether	6.125	45	888913	102.55	ug/l	96
23) Vinyl Acetate	6.070	43	3060242	534.15	ug/l	100
24) 1,1-Dichloroethane	6.027	63	471714	99.29	ug/l	98
25) 2-Butanone	6.990	43	527648	544.29	ug/l	98
26) 2,2-Dichloropropane	6.990	77	437160	98.38	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	304867	101.91	ug/l	99
28) Bromochloromethane	7.338	49	208616	98.93	ug/l	99
29) Tetrahydrofuran	7.350	42	356014	532.61	ug/l	98
30) Chloroform	7.515	83	495535	98.77	ug/l	97
31) Cyclohexane	7.789	56	449131	96.69	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	462088	99.89	ug/l	100
36) 1,1-Dichloropropene	7.923	75	387316	100.98	ug/l	100
37) Ethyl Acetate	7.076	43	238867	106.83	ug/l	98
38) Carbon Tetrachloride	7.905	117	433961	100.10	ug/l	99
39) Methylcyclohexane	9.185	83	485598	103.79	ug/l	99
40) Benzene	8.161	78	1079962	99.92	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	126058m	64.39	ug/l	
42) 1,2-Dichloroethane	8.240	62	358076	100.89	ug/l	100
43) Isopropyl Acetate	8.277	43	454098	107.26	ug/l	99
44) Trichloroethene	8.941	130	322419	100.24	ug/l	99
45) 1,2-Dichloropropane	9.216	63	275224	99.78	ug/l	94
46) Dibromomethane	9.307	93	157975	101.48	ug/l	100
47) Bromodichloromethane	9.496	83	396773	101.37	ug/l	98
48) Methyl methacrylate	9.295	41	219885	108.60	ug/l	95
49) 1,4-Dioxane	9.301	88	42124	2040.00	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	1206397	539.73	ug/l	98
52) Toluene	10.246	92	710682	101.98	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	432892	104.21	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	472636	102.63	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	228422	102.37	ug/l	99
56) Ethyl methacrylate	10.508	69	332550	110.76	ug/l	99
57) 1,3-Dichloropropane	10.788	76	393939	102.78	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	755396	505.82	ug/l	99
59) 2-Hexanone	10.831	43	861137	556.57	ug/l	99
60) Dibromochloromethane	10.984	129	301081	103.54	ug/l	99
61) 1,2-Dibromoethane	11.087	107	226066	103.22	ug/l	99
64) Tetrachloroethene	10.721	164	366846	99.35	ug/l	97
65) Chlorobenzene	11.514	112	785366	100.43	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	313236	101.53	ug/l	99
67) Ethyl Benzene	11.593	91	1425766	103.18	ug/l	100
68) m/p-Xylenes	11.703	106	1085524	204.46	ug/l	99
69) o-Xylene	12.026	106	508238	103.72	ug/l	97
70) Styrene	12.044	104	888332	105.05	ug/l	100
71) Bromoform	12.209	173	208640	101.76	ug/l #	99
73) Isopropylbenzene	12.331	105	1409157	106.66	ug/l	100
74) N-amyl acetate	12.142	43	428871	112.80	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	257441	105.37	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	203854m	92.53	ug/l	
77) Bromobenzene	12.605	156	361568	103.64	ug/l	99
78) n-propylbenzene	12.672	91	1636814	104.63	ug/l	100
79) 2-Chlorotoluene	12.752	91	938786	105.48	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	1190557	105.14	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	106853	106.84	ug/l	99
82) 4-Chlorotoluene	12.849	91	978575	102.67	ug/l	100
83) tert-Butylbenzene	13.075	119	1050271	107.38	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1199732	104.74	ug/l	100
85) sec-Butylbenzene	13.251	105	1417467	105.30	ug/l	100
86) p-Isopropyltoluene	13.367	119	1354132	106.44	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	690864	103.24	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	670615	101.60	ug/l	99
89) n-Butylbenzene	13.690	91	1212083	104.46	ug/l	100
90) Hexachloroethane	13.959	117	249073	105.38	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	604781	102.11	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	50678	103.70	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	445765	103.43	ug/l	99
94) Hexachlorobutadiene	15.105	225	292110	99.28	ug/l	99
95) Naphthalene	15.233	128	853323	113.47	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	394377	106.66	ug/l	99

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

