

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004456.D
 Acq On : 15 Apr 2021 21:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 1:08:07 PM

Quant Time: Apr 16 05:07:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	190789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	327803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	302291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	125933	59.41	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.82%			
35) Dibromofluoromethane	7.728	113	95363	52.42	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.84%			
50) Toluene-d8	10.185	98	421652	54.49	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.98%			
62) 4-Bromofluorobenzene	12.483	95	143721	54.73	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.46%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	88417	50.02	ug/l	98
3) Chloromethane	2.119	50	139523	54.58	ug/l	99
4) Vinyl Chloride	2.253	62	145106	53.75	ug/l	99
5) Bromomethane	2.649	94	67491	51.24	ug/l	93
6) Chloroethane	2.796	64	84171	52.00	ug/l	98
7) Trichlorofluoromethane	3.131	101	171566	50.82	ug/l	99
8) Diethyl Ether	3.540	74	67889	59.50	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	96135	51.33	ug/l	99
10) Methyl Iodide	4.100	142	115167	51.38	ug/l	99
11) Tert butyl alcohol	4.972	59	67665	323.90	ug/l	99
12) 1,1-Dichloroethene	3.881	96	97579	52.69	ug/l	95
13) Acrolein	3.741	56	80433	346.35	ug/l	98
14) Allyl chloride	4.484	41	201334	56.84	ug/l	96
15) Acrylonitrile	5.179	53	192963	315.19	ug/l	98
16) Acetone	3.960	43	155794	354.30	ug/l	97
17) Carbon Disulfide	4.204	76	295192	51.77	ug/l	100
18) Methyl Acetate	4.491	43	95709	64.82	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	331305	59.54	ug/l	100
20) Methylene Chloride	4.728	84	118017	57.64	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	114973	54.87	ug/l	97
22) Diisopropyl ether	6.130	45	447590	59.78	ug/l	99
23) Vinyl Acetate	6.070	43	1547547	303.64	ug/l	99
24) 1,1-Dichloroethane	6.027	63	217734	56.93	ug/l	99
25) 2-Butanone	6.996	43	268597	332.64	ug/l	97
26) 2,2-Dichloropropane	6.990	77	165009	48.08	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	132344	56.45	ug/l	99
28) Bromochloromethane	7.344	49	106803	61.44	ug/l	98
29) Tetrahydrofuran	7.356	42	187592	325.16	ug/l	100
30) Chloroform	7.514	83	212802	56.62	ug/l	99
31) Cyclohexane	7.789	56	195064	50.20	ug/l	98
32) 1,1,1-Trichloroethane	7.709	97	180752	53.00	ug/l	99
36) 1,1-Dichloropropene	7.923	75	163496	50.19	ug/l	99
37) Ethyl Acetate	7.088	43	125422	59.79	ug/l	100
38) Carbon Tetrachloride	7.905	117	143036	50.80	ug/l	100
39) Methylcyclohexane	9.185	83	196394	48.97	ug/l	97
40) Benzene	8.167	78	492111	53.76	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	77579m	61.03	ug/l	
42) 1,2-Dichloroethane	8.246	62	155608	54.19	ug/l	99
43) Isopropyl Acetate	8.283	43	237980	59.85	ug/l	99
44) Trichloroethene	8.947	130	128699	51.56	ug/l	98
45) 1,2-Dichloropropane	9.221	63	130881	55.40	ug/l	98
46) Dibromomethane	9.313	93	71545	55.62	ug/l	99
47) Bromodichloromethane	9.502	83	169820	54.54	ug/l	98
48) Methyl methacrylate	9.295	41	109746	59.93	ug/l	99
49) 1,4-Dioxane	9.307	88	21684	1290.84	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	633743	310.26	ug/l	100
52) Toluene	10.246	92	311288	52.55	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	188118	54.77	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	208008	53.33	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	101067	57.02	ug/l	96
56) Ethyl methacrylate	10.514	69	152572	59.36	ug/l	99
57) 1,3-Dichloropropane	10.794	76	180745	57.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	395864	301.04	ug/l	99
59) 2-Hexanone	10.837	43	434863	317.58	ug/l	98
60) Dibromochloromethane	10.989	129	118530	56.28	ug/l	99
61) 1,2-Dibromoethane	11.093	107	98876	57.87	ug/l	99
64) Tetrachloroethene	10.721	164	133407	50.69	ug/l	99
65) Chlorobenzene	11.520	112	319848	51.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	117127	53.20	ug/l	99
67) Ethyl Benzene	11.593	91	593574	51.43	ug/l	98
68) m/p-Xylenes	11.703	106	441728	102.99	ug/l	99
69) o-Xylene	12.032	106	208059	51.77	ug/l	99
70) Styrene	12.044	104	352530	52.95	ug/l	99
71) Bromoform	12.209	173	72003	55.14	ug/l #	100
73) Isopropylbenzene	12.331	105	558571	51.28	ug/l	100
74) N-amyl acetate	12.148	43	214212	58.41	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	118681	57.59	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	83064m	54.90	ug/l	
77) Bromobenzene	12.611	156	127885	52.38	ug/l	98
78) n-propylbenzene	12.672	91	662240	51.46	ug/l	99
79) 2-Chlorotoluene	12.757	91	366814	52.12	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	461293	52.10	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	45949	54.33	ug/l	97
82) 4-Chlorotoluene	12.855	91	384226	51.70	ug/l	100
83) tert-Butylbenzene	13.074	119	396612	52.34	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	463536	51.88	ug/l	99
85) sec-Butylbenzene	13.257	105	536362	50.74	ug/l	99
86) p-Isopropyltoluene	13.373	119	485029	50.44	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	235510	51.64	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	234555	51.10	ug/l	100
89) n-Butylbenzene	13.696	91	460487	50.17	ug/l	100
90) Hexachloroethane	13.964	117	69409	53.80	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	213647	52.78	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	20095	54.34	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	137447	51.35	ug/l	99
94) Hexachlorobutadiene	15.111	225	70108	50.17	ug/l	98
95) Naphthalene	15.239	128	330927	56.88	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	124678	52.80	ug/l	100

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

