

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY003996.D
 Acq On : 11 Feb 2021 11:34
 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
 2/12/2021 1:35:58 PM

Quant Time: Feb 11 13:20:30 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	7.801	168	129982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	207661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	176508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92463	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71260	49.86	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.72%		
35) Dibromofluoromethane	7.728	113	54518	44.90	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.80%		
50) Toluene-d8	10.185	98	212800	44.66	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.32%		
62) 4-Bromofluorobenzene	12.483	95	78068	44.95	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.90%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	58856	45.68	ug/l	95
3) Chloromethane	2.119	50	77678	47.87	ug/l	100
4) Vinyl Chloride	2.260	62	85701	50.65	ug/l	97
5) Bromomethane	2.662	94	62311	51.70	ug/l	93
6) Chloroethane	2.802	64	56535	53.31	ug/l	98
7) Trichlorofluoromethane	3.137	101	126483	53.94	ug/l	88
8) Diethyl Ether	3.540	74	37263	50.80	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.918	101	60081	49.65	ug/l	95
10) Methyl Iodide	4.101	142	75816	50.64	ug/l	99
11) Tert butyl alcohol	4.972	59	28366	213.77	ug/l #	93
12) 1,1-Dichloroethene	3.887	96	60954	51.96	ug/l	94
13) Acrolein	3.741	56	34465	261.56	ug/l	97
14) Allyl chloride	4.497	41	115000	53.23	ug/l	92
15) Acrylonitrile	5.180	53	91397	244.84	ug/l	99
16) Acetone	3.960	43	98106	279.62	ug/l	100
17) Carbon Disulfide	4.204	76	191237	49.59	ug/l	99
18) Methyl Acetate	4.491	43	42905	49.06	ug/l	95
19) Methyl tert-butyl Ether	5.235	73	178165	49.73	ug/l	96
20) Methylene Chloride	4.729	84	67294	45.18	ug/l	95
21) trans-1,2-Dichloroethene	5.235	96	69292	51.32	ug/l	97
22) Diisopropyl ether	6.131	45	214517	49.91	ug/l	96
23) Vinyl Acetate	6.070	43	721947	246.50	ug/l	97
24) 1,1-Dichloroethane	6.033	63	118035	49.54	ug/l	97
25) 2-Butanone	6.996	43	122440	244.93	ug/l	96
26) 2,2-Dichloropropane	6.990	77	116213	51.19	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	73506	49.06	ug/l	99
28) Bromochloromethane	7.344	49	53757	52.37	ug/l	85
29) Tetrahydrofuran	7.356	42	72911	228.83	ug/l	93
30) Chloroform	7.521	83	123790	49.43	ug/l	100
31) Cyclohexane	7.795	56	110750	46.15	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	116289	50.34	ug/l	97
36) 1,1-Dichloropropene	7.923	75	97704	46.52	ug/l	98
37) Ethyl Acetate	7.088	43	52432	44.13	ug/l	98
38) Carbon Tetrachloride	7.911	117	109154	48.10	ug/l	95
39) Methylcyclohexane	9.191	83	117449	46.92	ug/l	98
40) Benzene	8.167	78	277314	47.76	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	30283m	38.64	ug/l	
42) 1,2-Dichloroethane	8.246	62	95125	47.59	ug/l	99
43) Isopropyl Acetate	8.277	43	104326	45.15	ug/l	98
44) Trichloroethene	8.941	130	77903	48.56	ug/l	96
45) 1,2-Dichloropropane	9.222	63	65041	45.25	ug/l	100
46) Dibromomethane	9.307	93	35823	43.62	ug/l	94
47) Bromodichloromethane	9.502	83	97306	45.82	ug/l	96
48) Methyl methacrylate	9.295	41	49563	43.90	ug/l	96
49) 1,4-Dioxane	9.301	88	8235	942.91	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	259370	219.75	ug/l	98
52) Toluene	10.246	92	173381	47.31	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	103267	46.16	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	112734	45.45	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	51247	45.02	ug/l	96
56) Ethyl methacrylate	10.514	69	72359	44.53	ug/l	99
57) 1,3-Dichloropropane	10.795	76	91470	44.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	152294	206.68	ug/l	97
59) 2-Hexanone	10.837	43	188630	228.00	ug/l	99
60) Dibromochloromethane	10.990	129	66126	44.57	ug/l	99
61) 1,2-Dibromoethane	11.093	107	49420	43.39	ug/l	99
64) Tetrachloroethene	10.721	164	81453	51.46	ug/l	97
65) Chlorobenzene	11.520	112	182864	51.11	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	70100	50.22	ug/l	97
67) Ethyl Benzene	11.593	91	348545	51.96	ug/l	100
68) m/p-Xylenes	11.703	106	260022	104.59	ug/l	98
69) o-Xylene	12.032	106	119459	51.65	ug/l	100
70) Styrene	12.044	104	208658	52.29	ug/l	99
71) Bromoform	12.209	173	44022	49.28	ug/l #	96
73) Isopropylbenzene	12.331	105	337335	50.97	ug/l	98
74) N-amyl acetate	12.148	43	97972	50.36	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	54366	45.30	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	41701m	44.77	ug/l	
77) Bromobenzene	12.611	156	81289	49.55	ug/l	96
78) n-propylbenzene	12.672	91	401878	51.04	ug/l	100
79) 2-Chlorotoluene	12.758	91	223581	49.58	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	289304	50.94	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	23326	47.86	ug/l	95
82) 4-Chlorotoluene	12.855	91	235676	49.41	ug/l	99
83) tert-Butylbenzene	13.075	119	250718	53.10	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	288036	50.60	ug/l	99
85) sec-Butylbenzene	13.258	105	339955	51.95	ug/l	100
86) p-Isopropyltoluene	13.373	119	321124	52.61	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	156434	50.60	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	154633	50.64	ug/l	99
89) n-Butylbenzene	13.696	91	301877	53.27	ug/l	100
90) Hexachloroethane	13.965	117	59863	53.57	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	138775	50.38	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10939	44.21	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	98226	51.52	ug/l	99
94) Hexachlorobutadiene	15.111	225	64333	52.51	ug/l	100
95) Naphthalene	15.239	128	172175	48.12	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	83477	50.83	ug/l	99

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

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