

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004351.D
 Acq On : 09 Apr 2021 11:52
 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
 4/12/2021 2:47:28 PM

Quant Time: Apr 10 02:00:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	170970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	273453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	241752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83686	50.92	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.84%			
35) Dibromofluoromethane	7.728	113	69886	45.87	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.74%			
50) Toluene-d8	10.185	98	273316	47.69	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.38%			
62) 4-Bromofluorobenzene	12.483	95	94397	48.06	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.12%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	66376	44.83	ug/l	99
3) Chloromethane	2.119	50	97840	48.95	ug/l	99
4) Vinyl Chloride	2.259	62	117374	52.69	ug/l	98
5) Bromomethane	2.656	94	51061	41.67	ug/l	98
6) Chloroethane	2.802	64	65994	45.70	ug/l	97
7) Trichlorofluoromethane	3.131	101	138231	47.75	ug/l	99
8) Diethyl Ether	3.540	74	47465	51.09	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.911	101	77670	49.28	ug/l	98
10) Methyl Iodide	4.100	142	86905	47.71	ug/l	99
11) Tert butyl alcohol	4.966	59	47306	353.71	ug/l	97
12) 1,1-Dichloroethene	3.887	96	74573	48.22	ug/l	98
13) Acrolein	3.741	56	24271	222.93	ug/l	95
14) Allyl chloride	4.491	41	144815	58.77	ug/l	93
15) Acrylonitrile	5.180	53	137398	310.77	ug/l	99
16) Acetone	3.960	43	89914	262.59	ug/l	99
17) Carbon Disulfide	4.204	76	211312	51.97	ug/l	100
18) Methyl Acetate	4.485	43	71392	65.14	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	238523	52.21	ug/l	98
20) Methylene Chloride	4.734	84	89464	53.49	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	84528	48.69	ug/l	92
22) Diisopropyl ether	6.131	45	318677	58.89	ug/l	96
23) Vinyl Acetate	6.070	43	1074829	295.27	ug/l	98
24) 1,1-Dichloroethane	6.033	63	159258	54.01	ug/l	99
25) 2-Butanone	6.996	43	174900	305.76	ug/l	94
26) 2,2-Dichloropropane	6.990	77	146637	53.15	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	96432	49.05	ug/l	93
28) Bromochloromethane	7.344	49	70124	58.51	ug/l	89
29) Tetrahydrofuran	7.356	42	129130	320.41	ug/l	92
30) Chloroform	7.514	83	158317	50.47	ug/l	98
31) Cyclohexane	7.795	56	151273	52.08	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	141344	49.25	ug/l	98
36) 1,1-Dichloropropene	7.923	75	125037	50.09	ug/l	98
37) Ethyl Acetate	7.082	43	84842	57.94	ug/l	98
38) Carbon Tetrachloride	7.905	117	116347	53.60	ug/l	96
39) Methylcyclohexane	9.185	83	156570	50.66	ug/l	97
40) Benzene	8.167	78	354369	50.08	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	39106m	48.20	ug/l	
42) 1,2-Dichloroethane	8.246	62	111091	49.95	ug/l	100
43) Isopropyl Acetate	8.277	43	164911	59.48	ug/l	97
44) Trichloroethene	8.947	130	97482	43.27	ug/l	97
45) 1,2-Dichloropropane	9.221	63	93194	53.29	ug/l	98
46) Dibromomethane	9.313	93	50574	49.18	ug/l	96
47) Bromodichloromethane	9.502	83	124593	50.79	ug/l	97
48) Methyl methacrylate	9.295	41	77032	61.17	ug/l	93
49) 1,4-Dioxane	9.301	88	14501	1294.03	ug/l #	80
51) 4-Methyl-2-Pentanone	10.075	43	440314	311.69	ug/l	96
52) Toluene	10.246	92	225153	49.49	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	137487	52.56	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	153809	52.62	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	71275	50.60	ug/l	99
56) Ethyl methacrylate	10.514	69	105892	54.79	ug/l	95
57) 1,3-Dichloropropane	10.794	76	127756	52.56	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	138912	167.99	ug/l	94
59) 2-Hexanone	10.837	43	296005	304.79	ug/l	97
60) Dibromochloromethane	10.989	129	84274	49.90	ug/l	100
61) 1,2-Dibromoethane	11.093	107	69141	49.73	ug/l	100
64) Tetrachloroethene	10.721	164	98630	41.46	ug/l	100
65) Chlorobenzene	11.520	112	234473	48.63	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	84721	49.05	ug/l	99
67) Ethyl Benzene	11.593	91	439921	50.25	ug/l	99
68) m/p-Xylenes	11.703	106	328830	97.81	ug/l	98
69) o-Xylene	12.032	106	151015	48.01	ug/l	96
70) Styrene	12.044	104	258226	49.34	ug/l	99
71) Bromoform	12.209	173	51017	51.87	ug/l #	98
73) Isopropylbenzene	12.331	105	421708	49.72	ug/l	98
74) N-amyl acetate	12.148	43	147755	59.61	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	82846	52.77	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	60290m	57.19	ug/l	
77) Bromobenzene	12.611	156	93199	46.93	ug/l	91
78) n-propylbenzene	12.672	91	505634	51.53	ug/l	98
79) 2-Chlorotoluene	12.757	91	273235	50.68	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	345328	49.91	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	33072	57.82	ug/l	95
82) 4-Chlorotoluene	12.855	91	287014	50.58	ug/l	97
83) tert-Butylbenzene	13.074	119	299539	50.10	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	346109	49.87	ug/l	100
85) sec-Butylbenzene	13.257	105	419938	51.02	ug/l	97
86) p-Isopropyltoluene	13.373	119	381222	49.79	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	176613	47.67	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	176292	48.17	ug/l	99
89) n-Butylbenzene	13.696	91	363846	51.68	ug/l	99
90) Hexachloroethane	13.965	117	51711	72.29	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	156269	46.99	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14162	48.35	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	104421	44.18	ug/l	99
94) Hexachlorobutadiene	15.117	225	56173	44.69	ug/l	99
95) Naphthalene	15.239	128	234045	46.68	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	91780	42.50	ug/l	99

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

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