

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
 Data File : VY004428.D
 Acq On : 14 Apr 2021 17:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 4/15/2021 5:37:35 PM

Quant Time: Apr 15 01:09:46 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	163784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	272152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	247874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114302	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100635	55.30	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.60%			
35) Dibromofluoromethane	7.728	113	78544	52.01	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.02%			
50) Toluene-d8	10.185	98	337278	52.50	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.00%			
62) 4-Bromofluorobenzene	12.483	95	111770	51.27	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.54%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	75698	49.88	ug/l	99
3) Chloromethane	2.119	50	109235	49.78	ug/l	100
4) Vinyl Chloride	2.259	62	133712	57.70	ug/l	98
5) Bromomethane	2.656	94	59536	52.65	ug/l	94
6) Chloroethane	2.802	64	73821	53.13	ug/l	98
7) Trichlorofluoromethane	3.131	101	143100	49.37	ug/l	97
8) Diethyl Ether	3.534	74	51893	52.98	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	79893	49.69	ug/l	99
10) Methyl Iodide	4.101	142	93930	48.82	ug/l	99
11) Tert butyl alcohol	4.985	59	49252	274.63	ug/l	99
12) 1,1-Dichloroethene	3.881	96	79999	50.32	ug/l	97
13) Acrolein	3.741	56	62769	314.85	ug/l	98
14) Allyl chloride	4.491	41	157539	51.81	ug/l	99
15) Acrylonitrile	5.180	53	145164	276.21	ug/l	98
16) Acetone	3.960	43	116128	304.89	ug/l	98
17) Carbon Disulfide	4.204	76	244053	49.86	ug/l	99
18) Methyl Acetate	4.491	43	70224	55.40	ug/l	98
19) Methyl tert-butyl Ether	5.241	73	255906	53.57	ug/l	100
20) Methylene Chloride	4.729	84	92974	52.90	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	93206	51.81	ug/l	96
22) Diisopropyl ether	6.131	45	343398	53.43	ug/l	96
23) Vinyl Acetate	6.076	43	1189807	271.94	ug/l	100
24) 1,1-Dichloroethane	6.033	63	173199	52.75	ug/l	99
25) 2-Butanone	7.002	43	203588	293.70	ug/l	97
26) 2,2-Dichloropropane	6.996	77	143465	48.69	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	105404	52.37	ug/l	100
28) Bromochloromethane	7.344	49	85340	57.19	ug/l	100
29) Tetrahydrofuran	7.362	42	139658	281.99	ug/l	99
30) Chloroform	7.521	83	168323	52.17	ug/l	99
31) Cyclohexane	7.795	56	157211	47.13	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	148747	50.81	ug/l	100
36) 1,1-Dichloropropene	7.929	75	131975	48.80	ug/l	99
37) Ethyl Acetate	7.088	43	93772	53.85	ug/l	99
38) Carbon Tetrachloride	7.905	117	117695	50.34	ug/l	98
39) Methylcyclohexane	9.191	83	161843	48.61	ug/l	99
40) Benzene	8.173	78	388696	51.14	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	53685m	50.87	ug/l	
42) 1,2-Dichloroethane	8.246	62	121285	50.87	ug/l	100
43) Isopropyl Acetate	8.283	43	180325	54.62	ug/l	99
44) Trichloroethene	8.947	130	104298	50.33	ug/l	99
45) 1,2-Dichloropropane	9.222	63	101464	51.73	ug/l	100
46) Dibromomethane	9.313	93	55305	51.79	ug/l	99
47) Bromodichloromethane	9.502	83	132631	51.30	ug/l	99
48) Methyl methacrylate	9.301	41	81766	53.78	ug/l	100
49) 1,4-Dioxane	9.307	88	15695	1125.37	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	475098	280.16	ug/l	99
52) Toluene	10.252	92	243103	49.43	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	148904	52.22	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	164279	50.73	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	77048	52.36	ug/l	98
56) Ethyl methacrylate	10.514	69	114168	53.51	ug/l	100
57) 1,3-Dichloropropane	10.794	76	137483	52.36	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	323132	295.98	ug/l	100
59) 2-Hexanone	10.837	43	324286	285.26	ug/l	100
60) Dibromochloromethane	10.990	129	91006	52.04	ug/l	99
61) 1,2-Dibromoethane	11.093	107	74183	52.29	ug/l	99
64) Tetrachloroethene	10.721	164	105872	49.06	ug/l	98
65) Chlorobenzene	11.520	112	251790	49.78	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	91094	50.46	ug/l	100
67) Ethyl Benzene	11.593	91	467996	49.45	ug/l	97
68) m/p-Xylenes	11.703	106	344731	98.02	ug/l	100
69) o-Xylene	12.032	106	162509	49.31	ug/l	99
70) Styrene	12.050	104	274695	50.32	ug/l	100
71) Bromoform	12.209	173	54394	50.80	ug/l #	100
73) Isopropylbenzene	12.331	105	436908	49.47	ug/l	100
74) N-amyl acetate	12.148	43	162783	54.74	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	88625	53.04	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	63778m	51.99	ug/l	
77) Bromobenzene	12.611	156	100011	50.52	ug/l	100
78) n-propylbenzene	12.672	91	520818	49.91	ug/l	99
79) 2-Chlorotoluene	12.758	91	283978	49.76	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	359478	50.07	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	35718	52.08	ug/l	98
82) 4-Chlorotoluene	12.855	91	299697	49.73	ug/l	100
83) tert-Butylbenzene	13.075	119	311468	50.69	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	361728	49.93	ug/l	99
85) sec-Butylbenzene	13.257	105	427920	49.92	ug/l	100
86) p-Isopropyltoluene	13.373	119	388317	49.80	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	186300	50.38	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	184605	49.60	ug/l	100
89) n-Butylbenzene	13.696	91	366101	49.19	ug/l	99
90) Hexachloroethane	13.965	117	53597	51.24	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	167155	50.93	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14896	49.68	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	106134	48.90	ug/l	99
94) Hexachlorobutadiene	15.111	225	56739	50.08	ug/l	98
95) Naphthalene	15.239	128	243855	51.69	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	94677	49.45	ug/l	99

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

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