

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006300.D
 Acq On : 05 Oct 2021 00:29
 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
 10/5/2021 6:03:12 PM

Quant Time: Oct 05 06:40:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	125275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	201580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	193838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98375	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76361	56.95	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.90%			
35) Dibromofluoromethane	7.722	113	54357	50.47	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.94%			
50) Toluene-d8	10.185	98	222552	49.38	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.76%			
62) 4-Bromofluorobenzene	12.483	95	78601	51.33	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	56724	44.64	ug/l	99
3) Chloromethane	2.119	50	78634	53.13	ug/l	96
4) Vinyl Chloride	2.260	62	88800	54.14	ug/l	98
5) Bromomethane	2.656	94	67427	63.25	ug/l	98
6) Chloroethane	2.802	64	59189	61.33	ug/l	99
7) Trichlorofluoromethane	3.131	101	121581	56.27	ug/l	93
8) Diethyl Ether	3.540	74	46926	65.76	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.906	101	63611	55.15	ug/l	98
10) Methyl Iodide	4.101	142	60799	48.37	ug/l	96
11) Tert butyl alcohol	4.966	59	41611	354.78	ug/l #	94
12) 1,1-Dichloroethene	3.881	96	64955	55.36	ug/l	98
13) Acrolein	3.735	56	23828	283.93	ug/l	99
14) Allyl chloride	4.491	41	138131	61.22	ug/l	98
15) Acrylonitrile	5.174	53	113341	301.96	ug/l	99
16) Acetone	3.954	43	107065	285.90	ug/l	95
17) Carbon Disulfide	4.204	76	218625	55.71	ug/l	100
18) Methyl Acetate	4.485	43	98074	77.67	ug/l	98
19) Methyl tert-butyl Ether	5.229	73	205223	59.89	ug/l	97
20) Methylene Chloride	4.729	84	86906	68.72	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	68728	52.83	ug/l	94
22) Diisopropyl ether	6.125	45	250178	56.04	ug/l	99
23) Vinyl Acetate	6.070	43	745537	278.64	ug/l	98
24) 1,1-Dichloroethane	6.033	63	129060	53.85	ug/l	99
25) 2-Butanone	6.990	43	151954	291.29	ug/l	95
26) 2,2-Dichloropropane	6.990	77	104723	47.79	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	80022	54.93	ug/l	95
28) Bromochloromethane	7.344	49	58708	58.84	ug/l	96
29) Tetrahydrofuran	7.356	42	99697	302.57	ug/l	95
30) Chloroform	7.515	83	135521	56.69	ug/l	98
31) Cyclohexane	7.789	56	114184	44.95	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	121616	55.10	ug/l	99
36) 1,1-Dichloropropene	7.923	75	96525	48.13	ug/l	98
37) Ethyl Acetate	7.076	43	64223	54.97	ug/l	98
38) Carbon Tetrachloride	7.905	117	108713	51.33	ug/l	98
39) Methylcyclohexane	9.185	83	114582	45.48	ug/l	98
40) Benzene	8.167	78	294799	51.81	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	42327m	55.85	ug/l	
42) 1,2-Dichloroethane	8.246	62	106834	58.27	ug/l	99
43) Isopropyl Acetate	8.277	43	127004	56.68	ug/l	98
44) Trichloroethene	8.941	130	76909	52.33	ug/l	96
45) 1,2-Dichloropropane	9.222	63	71376	50.95	ug/l	96
46) Dibromomethane	9.307	93	42176	56.54	ug/l	98
47) Bromodichloromethane	9.502	83	106590	55.50	ug/l	98
48) Methyl methacrylate	9.295	41	59723	55.55	ug/l	95
49) 1,4-Dioxane	9.307	88	10919	1122.00	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	346705	297.97	ug/l	97
52) Toluene	10.246	92	188843	53.51	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	113448	54.18	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	121028	52.57	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	57282	54.58	ug/l	96
56) Ethyl methacrylate	10.514	69	92946	58.26	ug/l	94
57) 1,3-Dichloropropane	10.795	76	105391	55.49	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	219640	281.00	ug/l	98
59) 2-Hexanone	10.837	43	247615	298.79	ug/l	99
60) Dibromochloromethane	10.990	129	73502	57.64	ug/l	100
61) 1,2-Dibromoethane	11.093	107	54853	55.20	ug/l	100
64) Tetrachloroethene	10.721	164	87512	56.06	ug/l	97
65) Chlorobenzene	11.520	112	197015	51.30	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	75218	53.14	ug/l	99
67) Ethyl Benzene	11.593	91	368821	50.95	ug/l	100
68) m/p-Xylenes	11.703	106	283640	103.25	ug/l	98
69) o-Xylene	12.032	106	137550	53.01	ug/l	97
70) Styrene	12.044	104	236136	53.59	ug/l	99
71) Bromoform	12.209	173	49607	56.36	ug/l #	98
73) Isopropylbenzene	12.331	105	354702	50.34	ug/l	100
74) N-amyl acetate	12.142	43	117283	53.62	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	63758	50.10	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	47854m	50.05	ug/l	
77) Bromobenzene	12.611	156	86855	52.57	ug/l	96
78) n-propylbenzene	12.672	91	431215	49.71	ug/l	100
79) 2-Chlorotoluene	12.758	91	244925	51.03	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	302188	51.29	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	24874	51.12	ug/l	99
82) 4-Chlorotoluene	12.855	91	257157	51.80	ug/l	99
83) tert-Butylbenzene	13.075	119	254797	50.58	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	302752	52.03	ug/l	100
85) sec-Butylbenzene	13.252	105	379387	49.84	ug/l	100
86) p-Isopropyltoluene	13.367	119	326931	50.89	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	170827	52.19	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	167931	52.03	ug/l	99
89) n-Butylbenzene	13.697	91	294700	48.28	ug/l	100
90) Hexachloroethane	13.959	117	59030	50.60	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	152382	53.24	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13761	56.76	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	96208	50.86	ug/l	100
94) Hexachlorobutadiene	15.111	225	59808	48.47	ug/l	99
95) Naphthalene	15.239	128	203606	54.18	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	87335	52.10	ug/l	99

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

