

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101921\
 Data File : VY006416.D
 Acq On : 19 Oct 2021 09:34
 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
 10/20/2021 5:49:12 PM

Quant Time: Oct 20 03:14:00 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	133033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	187690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97305	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70813	49.73	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.46%
35) Dibromofluoromethane	7.728	113	55111	51.88	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.76%
50) Toluene-d8	10.185	98	222432	50.04	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.08%
62) 4-Bromofluorobenzene	12.483	95	77717	51.46	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.92%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	61342	45.46	ug/l	100
3) Chloromethane	2.119	50	81170	51.64	ug/l	95
4) Vinyl Chloride	2.260	62	95007	54.54	ug/l	100
5) Bromomethane	2.656	94	57712	50.98	ug/l	97
6) Chloroethane	2.802	64	52740	51.46	ug/l	99
7) Trichlorofluoromethane	3.137	101	118223	51.53	ug/l	91
8) Diethyl Ether	3.540	74	37462	49.43	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.912	101	61418	50.14	ug/l	97
10) Methyl Iodide	4.107	142	62761	47.02	ug/l	97
11) Tert butyl alcohol	4.960	59	29002	232.85	ug/l #	93
12) 1,1-Dichloroethene	3.881	96	60655	48.68	ug/l	97
13) Acrolein	3.741	56	18694	214.59	ug/l	97
14) Allyl chloride	4.491	41	116808	48.75	ug/l	96
15) Acrylonitrile	5.174	53	97718	245.16	ug/l	99
16) Acetone	3.954	43	111585	280.59	ug/l	97
17) Carbon Disulfide	4.204	76	183768	44.10	ug/l	100
18) Methyl Acetate	4.485	43	64218	47.89	ug/l	99
19) Methyl tert-butyl Ether	5.229	73	184597	50.73	ug/l	97
20) Methylene Chloride	4.729	84	75436	55.43	ug/l	91
21) trans-1,2-Dichloroethene	5.235	96	69697	50.45	ug/l	96
22) Diisopropyl ether	6.131	45	247493	52.21	ug/l	93
23) Vinyl Acetate	6.070	43	711341	250.35	ug/l	97
24) 1,1-Dichloroethane	6.027	63	130407	51.24	ug/l	98
25) 2-Butanone	6.990	43	140029	252.78	ug/l	97
26) 2,2-Dichloropropane	6.990	77	129035	55.45	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	81182	52.47	ug/l	96
28) Bromochloromethane	7.344	49	54094	51.05	ug/l	92
29) Tetrahydrofuran	7.356	42	81702	233.50	ug/l	95
30) Chloroform	7.515	83	136440	53.75	ug/l	98
31) Cyclohexane	7.795	56	122813	45.53	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	129607	55.29	ug/l	99
36) 1,1-Dichloropropene	7.923	75	102296	51.71	ug/l	98
37) Ethyl Acetate	7.082	43	56056	48.64	ug/l	98
38) Carbon Tetrachloride	7.905	117	116595	55.82	ug/l	99
39) Methylcyclohexane	9.191	83	124677	50.18	ug/l	96
40) Benzene	8.167	78	298587	53.20	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	35895m	48.02	ug/l	
42) 1,2-Dichloroethane	8.246	62	98538	54.49	ug/l	98
43) Isopropyl Acetate	8.277	43	111027	50.23	ug/l	96
44) Trichloroethene	8.941	130	79838	55.08	ug/l	96
45) 1,2-Dichloropropane	9.222	63	72997	52.83	ug/l	98
46) Dibromomethane	9.313	93	39061	53.09	ug/l	97
47) Bromodichloromethane	9.502	83	105078	55.47	ug/l	99
48) Methyl methacrylate	9.295	41	51016	48.11	ug/l	95
49) 1,4-Dioxane	9.307	88	9620	1002.25	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	290364	253.01	ug/l	98
52) Toluene	10.246	92	190592	54.75	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	111081	53.78	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	122096	53.77	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	55196	53.32	ug/l	98
56) Ethyl methacrylate	10.514	69	80751	51.32	ug/l	94
57) 1,3-Dichloropropane	10.795	76	97560	52.08	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	192092	249.17	ug/l	98
59) 2-Hexanone	10.837	43	216286	264.61	ug/l	98
60) Dibromochloromethane	10.990	129	70070	55.71	ug/l	99
61) 1,2-Dibromoethane	11.093	107	50591	51.62	ug/l	100
64) Tetrachloroethene	10.721	164	91356	60.44	ug/l	97
65) Chlorobenzene	11.520	112	200601	53.94	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	77352	56.44	ug/l	98
67) Ethyl Benzene	11.599	91	381110	54.37	ug/l	99
68) m/p-Xylenes	11.703	106	291965	109.76	ug/l	98
69) o-Xylene	12.032	106	139873	55.68	ug/l	95
70) Styrene	12.050	104	239523	56.14	ug/l	99
71) Bromoform	12.209	173	45622	53.53	ug/l #	99
73) Isopropylbenzene	12.331	105	374528	53.73	ug/l	100
74) N-amyl acetate	12.148	43	103722	47.94	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	56683	45.03	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	45516m	48.13	ug/l	
77) Bromobenzene	12.611	156	87473	53.53	ug/l	92
78) n-propylbenzene	12.672	91	455743	53.12	ug/l	99
79) 2-Chlorotoluene	12.758	91	252430	53.17	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	311694	53.48	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	23454	48.73	ug/l	98
82) 4-Chlorotoluene	12.855	91	261205	53.19	ug/l	99
83) tert-Butylbenzene	13.075	119	272934	54.78	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	312444	54.29	ug/l	99
85) sec-Butylbenzene	13.258	105	406205	53.94	ug/l	100
86) p-Isopropyltoluene	13.373	119	348658	54.87	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	177510	54.82	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	172820	54.13	ug/l	99
89) n-Butylbenzene	13.697	91	325539	53.92	ug/l	99
90) Hexachloroethane	13.965	117	61835	53.59	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	152549	53.88	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11462	47.79	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	99126	52.98	ug/l	99
94) Hexachlorobutadiene	15.111	225	66122	54.18	ug/l	99
95) Naphthalene	15.239	128	178806	48.10	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	85892	51.80	ug/l	99

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

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