

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
 Data File : VY005609.D
 Acq On : 12 Aug 2021 09:55
 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
 8/13/2021 5:43:57 PM

Quant Time: Aug 13 04:18:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	250935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	360961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	323350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120797	47.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.120%
35) Dibromofluoromethane	7.722	113	102602	50.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.540%
50) Toluene-d8	10.185	98	419351	49.477	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.483	95	139080	49.553	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	84008	40.761	ug/l	97
3) Chloromethane	2.119	50	103216	41.925	ug/l	99
4) Vinyl Chloride	2.259	62	130613	44.293	ug/l	98
5) Bromomethane	2.656	94	85273	43.933	ug/l	99
6) Chloroethane	2.802	64	85734	48.166	ug/l	100
7) Trichlorofluoromethane	3.131	101	194304	49.213	ug/l	96
8) Diethyl Ether	3.540	74	64732	46.943	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.905	101	109252	51.015	ug/l	99
10) Methyl Iodide	4.101	142	139444	52.264	ug/l	99
11) Tert butyl alcohol	4.972	59	52988	211.019	ug/l	99
12) 1,1-Dichloroethene	3.881	96	106791	49.382	ug/l	94
13) Acrolein	3.741	56	35973	237.442	ug/l	99
14) Allyl chloride	4.491	41	198426	52.387	ug/l	100
15) Acrylonitrile	5.174	53	166368	235.412	ug/l	100
16) Acetone	3.960	43	187779	293.213	ug/l	95
17) Carbon Disulfide	4.204	76	306143	45.924	ug/l	100
18) Methyl Acetate	4.485	43	74743	44.625	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	335805	50.125	ug/l	98
20) Methylene Chloride	4.722	84	128561	50.736	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	121056	50.069	ug/l	97
22) Diisopropyl ether	6.131	45	419474	53.682	ug/l	100
23) Vinyl Acetate	6.070	43	1332118	256.165	ug/l	100
24) 1,1-Dichloroethane	6.027	63	231544	53.469	ug/l	99
25) 2-Butanone	6.996	43	243578	257.301	ug/l	99
26) 2,2-Dichloropropane	6.990	77	218184	55.146	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	140140	50.963	ug/l	95
28) Bromochloromethane	7.344	49	81991	47.438	ug/l	95
29) Tetrahydrofuran	7.356	42	143658	229.434	ug/l	98
30) Chloroform	7.515	83	232921	52.698	ug/l	97
31) Cyclohexane	7.789	56	214905	49.325	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	218338	53.738	ug/l	99
36) 1,1-Dichloropropene	7.923	75	179973	53.159	ug/l	99
37) Ethyl Acetate	7.082	43	98659	48.102	ug/l	99
38) Carbon Tetrachloride	7.905	117	200809	54.574	ug/l	99
39) Methylcyclohexane	9.185	83	225239	52.293	ug/l	97
40) Benzene	8.167	78	509495	52.552	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	58579m	52.639	ug/l	
42) 1,2-Dichloroethane	8.240	62	163904	52.120	ug/l	99
43) Isopropyl Acetate	8.277	43	193782	49.904	ug/l	99
44) Trichloroethene	8.941	130	140274	53.013	ug/l	98
45) 1,2-Dichloropropane	9.222	63	128986	53.180	ug/l	99
46) Dibromomethane	9.313	93	69083	51.511	ug/l	97
47) Bromodichloromethane	9.502	83	181678	54.128	ug/l	98
48) Methyl methacrylate	9.295	41	87707	49.979	ug/l	99
49) 1,4-Dioxane	9.301	88	18634	999.753	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	506417	247.643	ug/l	99
52) Toluene	10.246	92	327977	53.055	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	194725	51.912	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	216293	53.132	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	99754	51.408	ug/l	97
56) Ethyl methacrylate	10.514	69	146900	50.558	ug/l	96
57) 1,3-Dichloropropane	10.794	76	177183	51.780	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	353500	254.620	ug/l	99
59) 2-Hexanone	10.837	43	369870	255.902	ug/l	100
60) Dibromochloromethane	10.990	129	124491	51.841	ug/l	100
61) 1,2-Dibromoethane	11.093	107	90800	49.398	ug/l	99
64) Tetrachloroethene	10.721	164	132849	53.976	ug/l	99
65) Chlorobenzene	11.520	112	350330	53.840	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	134033	54.729	ug/l	99
67) Ethyl Benzene	11.593	91	650759	55.154	ug/l	98
68) m/p-Xylenes	11.703	106	499780	109.056	ug/l	99
69) o-Xylene	12.032	106	238155	54.069	ug/l	100
70) Styrene	12.044	104	402494	54.287	ug/l	99
71) Bromoform	12.209	173	82505	51.949	ug/l #	100
73) Isopropylbenzene	12.331	105	641322	54.532	ug/l	100
74) N-amyl acetate	12.148	43	182070	51.429	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	112338	49.663	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	78510m	44.967	ug/l	
77) Bromobenzene	12.611	156	152217	52.682	ug/l	98
78) n-propylbenzene	12.672	91	772869	55.332	ug/l	100
79) 2-Chlorotoluene	12.758	91	425442	54.243	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	537646	55.087	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	43146	49.816	ug/l	99
82) 4-Chlorotoluene	12.855	91	439927	54.209	ug/l	100
83) tert-Butylbenzene	13.075	119	471524	53.840	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	528516	54.880	ug/l	99
85) sec-Butylbenzene	13.257	105	698395	55.288	ug/l	99
86) p-Isopropyltoluene	13.373	119	597341	55.079	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	301184	53.422	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	294526	52.661	ug/l	99
89) n-Butylbenzene	13.696	91	550651	56.044	ug/l	100
90) Hexachloroethane	13.959	117	109149	55.978	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	265820	53.379	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20975	48.915	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	190444	55.672	ug/l	100
94) Hexachlorobutadiene	15.111	225	126821	57.256	ug/l	99
95) Naphthalene	15.239	128	346955	51.451	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	164747	54.360	ug/l	100

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

