

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005725.D
 Acq On : 17 Aug 2021 20:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/18/2021 6:59:49 PM

Quant Time: Aug 18 01:54:02 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	190561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	285457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	266771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	103316	53.561	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.120%			
35) Dibromofluoromethane	7.728	113	82406	51.562	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.120%			
50) Toluene-d8	10.185	98	336570	50.214	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.420%			
62) 4-Bromofluorobenzene	12.483	95	114619	51.639	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	78116	49.910	ug/l	95
3) Chloromethane	2.113	50	98364	52.613	ug/l	98
4) Vinyl Chloride	2.253	62	124732	55.700	ug/l	99
5) Bromomethane	2.656	94	94815	64.325	ug/l	98
6) Chloroethane	2.802	64	85931	63.571	ug/l	98
7) Trichlorofluoromethane	3.131	101	169273	56.457	ug/l	100
8) Diethyl Ether	3.534	74	54692	52.227	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	83689	51.459	ug/l	97
10) Methyl Iodide	4.101	142	98256	48.494	ug/l	98
11) Tert butyl alcohol	4.991	59	41873	219.586	ug/l	96
12) 1,1-Dichloroethene	3.881	96	81059	49.358	ug/l	92
13) Acrolein	3.741	56	22910	199.128	ug/l	99
14) Allyl chloride	4.491	41	155584	54.090	ug/l	99
15) Acrylonitrile	5.174	53	141429	263.527	ug/l	99
16) Acetone	3.966	43	107881	221.824	ug/l	99
17) Carbon Disulfide	4.204	76	237378	46.890	ug/l	100
18) Methyl Acetate	4.497	43	72163	56.734	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	276185	54.286	ug/l	99
20) Methylene Chloride	4.722	84	106497	55.971	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	94037	51.216	ug/l	99
22) Diisopropyl ether	6.131	45	337475	56.871	ug/l	99
23) Vinyl Acetate	6.070	43	1098280	278.111	ug/l	99
24) 1,1-Dichloroethane	6.027	63	180961	55.028	ug/l	98
25) 2-Butanone	6.996	43	184673	256.883	ug/l	97
26) 2,2-Dichloropropane	6.990	77	151121	50.297	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	112595	53.918	ug/l	98
28) Bromochloromethane	7.344	49	69185	52.710	ug/l	95
29) Tetrahydrofuran	7.362	42	125228	263.365	ug/l	98
30) Chloroform	7.515	83	187757	55.938	ug/l	98
31) Cyclohexane	7.789	56	157742	47.675	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	170115	55.134	ug/l	99
36) 1,1-Dichloropropene	7.923	75	136847	51.112	ug/l	99
37) Ethyl Acetate	7.082	43	85470	52.694	ug/l	99
38) Carbon Tetrachloride	7.905	117	154115	52.962	ug/l	99
39) Methylcyclohexane	9.185	83	165743	48.658	ug/l	98
40) Benzene	8.167	78	404983	52.821	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	47409	53.870	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	136042	54.702	ug/l	99
43) Isopropyl Acetate	8.277	43	166950	54.366	ug/l	98
44) Trichloroethene	8.941	130	110246	52.685	ug/l	96
45) 1,2-Dichloropropane	9.222	63	103703	54.065	ug/l	98
46) Dibromomethane	9.307	93	56947	53.694	ug/l	97
47) Bromodichloromethane	9.502	83	145483	54.809	ug/l	98
48) Methyl methacrylate	9.295	41	76337	55.005	ug/l	97
49) 1,4-Dioxane	9.319	88	14182	962.152	ug/l #	73
51) 4-Methyl-2-Pentanone	10.075	43	455042	281.377	ug/l	98
52) Toluene	10.246	92	258300	52.835	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	156446	52.739	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	171009	53.120	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	81538	53.134	ug/l	97
56) Ethyl methacrylate	10.514	69	124191	54.048	ug/l	94
57) 1,3-Dichloropropane	10.794	76	146789	54.244	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	321258	292.601	ug/l	99
59) 2-Hexanone	10.837	43	315943	276.409	ug/l	99
60) Dibromochloromethane	10.990	129	101723	53.564	ug/l	99
61) 1,2-Dibromoethane	11.093	107	78441	53.962	ug/l	99
64) Tetrachloroethene	10.721	164	107258	52.821	ug/l	98
65) Chlorobenzene	11.520	112	280714	52.291	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	107124	53.018	ug/l	99
67) Ethyl Benzene	11.593	91	506828	52.065	ug/l	98
68) m/p-Xylenes	11.703	106	393412	104.053	ug/l	99
69) o-Xylene	12.032	106	191154	52.602	ug/l	100
70) Styrene	12.044	104	327452	53.533	ug/l	99
71) Bromoform	12.209	173	69654	53.159	ug/l #	99
73) Isopropylbenzene	12.331	105	499524	50.664	ug/l	100
74) N-amyl acetate	12.148	43	157294	52.997	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	98966	52.187	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	67179m	45.896	ug/l	
77) Bromobenzene	12.611	156	124324	51.324	ug/l	97
78) n-propylbenzene	12.672	91	598532	51.113	ug/l	99
79) 2-Chlorotoluene	12.758	91	338001	51.403	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	416826	50.942	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	35666	49.120	ug/l	99
82) 4-Chlorotoluene	12.855	91	352711	51.842	ug/l	100
83) tert-Butylbenzene	13.075	119	371541	50.603	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	419351	51.940	ug/l	100
85) sec-Butylbenzene	13.251	105	540257	51.015	ug/l	100
86) p-Isopropyltoluene	13.367	119	464260	51.061	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	242667	51.341	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	238427	50.850	ug/l	99
89) n-Butylbenzene	13.696	91	421386	51.157	ug/l	99
90) Hexachloroethane	13.959	117	85638	52.388	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	217979	52.211	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19186	53.370	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	149901	52.269	ug/l	99
94) Hexachlorobutadiene	15.111	225	93366	50.279	ug/l	99
95) Naphthalene	15.233	128	301923	53.405	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	132946	52.325	ug/l	99

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

