

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005807.D
 Acq On : 20 Aug 2021 21:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/23/2021 6:47:15 PM

Quant Time: Aug 23 02:12:36 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	186352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	288512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	269533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	107038	56.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.480%	
35) Dibromofluoromethane	7.722	113	86436	53.510	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.020%	
50) Toluene-d8	10.185	98	341392	50.394	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.780%	
62) 4-Bromofluorobenzene	12.483	95	117330	52.301	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	74696	48.803	ug/l	98
3) Chloromethane	2.119	50	99026	54.163	ug/l	98
4) Vinyl Chloride	2.259	62	126454	57.744	ug/l	99
5) Bromomethane	2.655	94	88499	61.396	ug/l	99
6) Chloroethane	2.802	64	83556	63.211	ug/l	97
7) Trichlorofluoromethane	3.131	101	160493	54.737	ug/l	99
8) Diethyl Ether	3.533	74	63898	62.397	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	93798	58.978	ug/l	98
10) Methyl Iodide	4.100	142	107632	54.322	ug/l	99
11) Tert butyl alcohol	4.966	59	62150	333.282	ug/l	100
12) 1,1-Dichloroethene	3.881	96	93850	58.438	ug/l	97
13) Acrolein	3.734	56	31753	282.223	ug/l	99
14) Allyl chloride	4.490	41	175420	62.364	ug/l	99
15) Acrylonitrile	5.173	53	186182	354.752	ug/l	98
16) Acetone	3.954	43	142085	298.753	ug/l	96
17) Carbon Disulfide	4.204	76	262096	52.942	ug/l	99
18) Methyl Acetate	4.484	43	91008	73.166	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	325082	65.341	ug/l	98
20) Methylene Chloride	4.728	84	125380	68.790	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	107100	59.649	ug/l	98
22) Diisopropyl ether	6.130	45	333298	57.436	ug/l	98
23) Vinyl Acetate	6.069	43	1118038	289.509	ug/l	99
24) 1,1-Dichloroethane	6.027	63	183454	57.046	ug/l	100
25) 2-Butanone	6.996	43	207214	294.748	ug/l	99
26) 2,2-Dichloropropane	6.990	77	144752	49.265	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	112429	55.055	ug/l	99
28) Bromochloromethane	7.344	49	67392	52.504	ug/l	96
29) Tetrahydrofuran	7.356	42	138686	298.256	ug/l	99
30) Chloroform	7.514	83	183082	55.777	ug/l	99
31) Cyclohexane	7.789	56	148610	45.930	ug/l	98
32) 1,1,1-Trichloroethane	7.709	97	165553	54.867	ug/l	99
36) 1,1-Dichloropropene	7.923	75	134091	49.553	ug/l	99
37) Ethyl Acetate	7.081	43	91554	55.848	ug/l	98
38) Carbon Tetrachloride	7.904	117	148702	50.561	ug/l	97
39) Methylcyclohexane	9.185	83	155534	45.177	ug/l	98
40) Benzene	8.167	78	401357	51.794	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	54483m	61.252	ug/l	
42) 1,2-Dichloroethane	8.246	62	136151	54.166	ug/l	98
43) Isopropyl Acetate	8.276	43	175162	56.436	ug/l	98
44) Trichloroethene	8.941	130	107416	50.789	ug/l	99
45) 1,2-Dichloropropane	9.221	63	103295	53.282	ug/l	100
46) Dibromomethane	9.307	93	57189	53.351	ug/l	98
47) Bromodichloromethane	9.502	83	144062	53.699	ug/l	99
48) Methyl methacrylate	9.294	41	80995	57.744	ug/l	98
49) 1,4-Dioxane	9.307	88	16258	1091.315	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	488533	298.888	ug/l	99
52) Toluene	10.245	92	253106	51.225	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	156540	52.212	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	169377	52.056	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	85828	55.338	ug/l	97
56) Ethyl methacrylate	10.514	69	130927	56.376	ug/l	99
57) 1,3-Dichloropropane	10.794	76	149923	54.816	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	332800	299.904	ug/l	98
59) 2-Hexanone	10.837	43	344735	298.405	ug/l	100
60) Dibromochloromethane	10.989	129	104290	54.334	ug/l	100
61) 1,2-Dibromoethane	11.093	107	78748	53.600	ug/l	99
64) Tetrachloroethene	10.721	164	105139	51.246	ug/l	99
65) Chlorobenzene	11.520	112	277434	51.150	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	108244	53.024	ug/l	99
67) Ethyl Benzene	11.593	91	498514	50.687	ug/l	99
68) m/p-Xylenes	11.703	106	384961	100.774	ug/l	100
69) o-Xylene	12.032	106	186133	50.696	ug/l	100
70) Styrene	12.044	104	323538	52.351	ug/l	99
71) Bromoform	12.209	173	72759	54.960	ug/l #	100
73) Isopropylbenzene	12.330	105	486419	49.756	ug/l	100
74) N-amyl acetate	12.141	43	160513	54.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.580	83	102961	54.757	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	70172m	48.349	ug/l	
77) Bromobenzene	12.611	156	122287	50.914	ug/l	96
78) n-propylbenzene	12.672	91	576650	49.664	ug/l	99
79) 2-Chlorotoluene	12.757	91	330721	50.725	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	406732	50.132	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	36487	50.679	ug/l	98
82) 4-Chlorotoluene	12.855	91	334145	49.532	ug/l	98
83) tert-Butylbenzene	13.074	119	366481	50.340	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	404992	50.589	ug/l	99
85) sec-Butylbenzene	13.251	105	528608	50.341	ug/l	99
86) p-Isopropyltoluene	13.367	119	445661	49.434	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	235997	50.356	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	233398	50.201	ug/l	99
89) n-Butylbenzene	13.696	91	388892	47.615	ug/l	100
90) Hexachloroethane	13.958	117	84047	51.854	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	213648	51.610	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	20284	56.905	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	139395	49.020	ug/l	99
94) Hexachlorobutadiene	15.110	225	88985	48.329	ug/l	99
95) Naphthalene	15.238	128	311685	55.602	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	130412	51.765	ug/l	100

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

