

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005330.D
 Acq On : 01 Jul 2021 21:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:57:49 PM

Quant Time: Jul 02 05:20:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	261647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	379669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	360072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	195530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116379	53.599	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.200%			
35) Dibromofluoromethane	7.722	113	109481	48.895	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.780%			
50) Toluene-d8	10.185	98	445518	49.754	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.500%			
62) 4-Bromofluorobenzene	12.483	95	155289	52.043	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	71045	41.294	ug/l	100
3) Chloromethane	2.113	50	108094	47.174	ug/l	97
4) Vinyl Chloride	2.247	62	128177	48.926	ug/l	98
5) Bromomethane	2.650	94	85166	51.253	ug/l	97
6) Chloroethane	2.790	64	86957	50.758	ug/l	99
7) Trichlorofluoromethane	3.125	101	163741	46.753	ug/l	100
8) Diethyl Ether	3.534	74	63399	48.388	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	103717	48.371	ug/l	98
10) Methyl Iodide	4.095	142	116352	38.146	ug/l	99
11) Tert butyl alcohol	4.972	59	65203	243.498	ug/l	99
12) 1,1-Dichloroethene	3.875	96	100964	46.606	ug/l	93
13) Acrolein	3.735	56	24335	228.091	ug/l	94
14) Allyl chloride	4.485	41	166010	53.349	ug/l	95
15) Acrylonitrile	5.174	53	157969	259.550	ug/l	99
16) Acetone	3.954	43	114853	228.974	ug/l	99
17) Carbon Disulfide	4.198	76	312425	45.854	ug/l	100
18) Methyl Acetate	4.485	43	72242	54.193	ug/l	93
19) Methyl tert-butyl Ether	5.228	73	295896	49.959	ug/l	99
20) Methylene Chloride	4.722	84	137300	52.216	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	119267	49.444	ug/l	99
22) Diisopropyl ether	6.131	45	378148	58.458	ug/l	95
23) Vinyl Acetate	6.070	43	1182084	282.383	ug/l	96
24) 1,1-Dichloroethane	6.021	63	215282	53.623	ug/l	99
25) 2-Butanone	6.996	43	194531	265.969	ug/l	93
26) 2,2-Dichloropropane	6.990	77	164570	47.007	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	136780	50.418	ug/l	95
28) Bromochloromethane	7.344	49	93535	58.230	ug/l	88
29) Tetrahydrofuran	7.356	42	131390	273.037	ug/l	92
30) Chloroform	7.515	83	215111	52.653	ug/l	98
31) Cyclohexane	7.789	56	190415	49.122	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	185646	50.948	ug/l	98
36) 1,1-Dichloropropene	7.923	75	165719	49.568	ug/l	98
37) Ethyl Acetate	7.082	43	90306	52.381	ug/l	97
38) Carbon Tetrachloride	7.905	117	168679	48.198	ug/l	99
39) Methylcyclohexane	9.185	83	201636	46.602	ug/l	96
40) Benzene	8.167	78	491832	49.890	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	50548m	52.866	ug/l	
42) 1,2-Dichloroethane	8.246	62	140859	52.605	ug/l	97
43) Isopropyl Acetate	8.283	43	168431	53.151	ug/l	97
44) Trichloroethene	8.941	130	135098	48.472	ug/l	97
45) 1,2-Dichloropropane	9.222	63	125475	53.192	ug/l	98
46) Dibromomethane	9.307	93	67574	49.257	ug/l	97
47) Bromodichloromethane	9.502	83	167700	52.134	ug/l	99
48) Methyl methacrylate	9.295	41	75923	54.612	ug/l	91
49) 1,4-Dioxane	9.301	88	17730	982.797	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	453255	273.270	ug/l	96
52) Toluene	10.246	92	315945	50.140	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	178683	50.746	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	202084	50.906	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	101264	50.546	ug/l	99
56) Ethyl methacrylate	10.514	69	139159	51.170	ug/l #	90
57) 1,3-Dichloropropane	10.795	76	173025	51.565	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	301305	251.197	ug/l	96
59) 2-Hexanone	10.837	43	312832	274.224	ug/l	95
60) Dibromochloromethane	10.983	129	123997	50.526	ug/l	100
61) 1,2-Dibromoethane	11.093	107	95868	49.194	ug/l	100
64) Tetrachloroethene	10.721	164	126482	47.602	ug/l	99
65) Chlorobenzene	11.520	112	347133	48.640	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	132101	49.870	ug/l	99
67) Ethyl Benzene	11.593	91	607520	49.366	ug/l	99
68) m/p-Xylenes	11.703	106	486343	98.640	ug/l	98
69) o-Xylene	12.032	106	233449	50.002	ug/l	97
70) Styrene	12.044	104	399660	50.910	ug/l	99
71) Bromoform	12.209	173	87688	48.649	ug/l	99
73) Isopropylbenzene	12.331	105	600745	47.370	ug/l	99
74) N-amyl acetate	12.148	43	156153	52.027	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	118810	47.544	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	77283m	44.566	ug/l	
77) Bromobenzene	12.611	156	158524	47.107	ug/l	96
78) n-propylbenzene	12.672	91	727896	48.675	ug/l	99
79) 2-Chlorotoluene	12.758	91	413242	48.986	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	508353	48.455	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	41174	44.300	ug/l	94
82) 4-Chlorotoluene	12.855	91	431803	49.477	ug/l	98
83) tert-Butylbenzene	13.075	119	450698	48.187	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	513147	49.473	ug/l	99
85) sec-Butylbenzene	13.251	105	663904	48.790	ug/l	100
86) p-Isopropyltoluene	13.367	119	571010	48.636	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	311658	48.509	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	308532	48.562	ug/l	99
89) n-Butylbenzene	13.696	91	510940	49.541	ug/l	99
90) Hexachloroethane	13.959	117	105993	49.976	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	278995	48.984	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19439	46.700	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	187288	46.656	ug/l	99
94) Hexachlorobutadiene	15.111	225	116128	46.223	ug/l	99
95) Naphthalene	15.239	128	337828	45.596	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	165279	46.750	ug/l	100

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

