

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005217.D
 Acq On : 24 Jun 2021 17:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 4:36:20 PM

Quant Time: Jun 25 04:36:44 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	7.801	168	271762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	386013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	356439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119022	52.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.560%	
35) Dibromofluoromethane	7.728	113	119029	52.285	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.580%	
50) Toluene-d8	10.185	98	477966	52.500	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.000%	
62) 4-Bromofluorobenzene	12.483	95	158102	52.115	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	83858	46.927	ug/l	98
3) Chloromethane	2.119	50	109605	46.053	ug/l	95
4) Vinyl Chloride	2.259	62	133573	49.088	ug/l	99
5) Bromomethane	2.656	94	96981	56.191	ug/l	99
6) Chloroethane	2.802	64	82806	46.536	ug/l	98
7) Trichlorofluoromethane	3.131	101	181824	49.983	ug/l	100
8) Diethyl Ether	3.540	74	69708	51.223	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	111536	50.082	ug/l	98
10) Methyl Iodide	4.100	142	135815	42.870	ug/l	98
11) Tert butyl alcohol	4.972	59	67842	244.080	ug/l	98
12) 1,1-Dichloroethene	3.881	96	113291	50.350	ug/l	98
13) Acrolein	3.741	56	31635	285.477	ug/l	94
14) Allyl chloride	4.491	41	163194	50.492	ug/l	100
15) Acrylonitrile	5.173	53	167795	265.433	ug/l	99
16) Acetone	3.960	43	117594	225.713	ug/l	100
17) Carbon Disulfide	4.204	76	352543	49.816	ug/l	99
18) Methyl Acetate	4.491	43	70363	50.819	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	317581	51.625	ug/l	100
20) Methylene Chloride	4.728	84	143533	52.624	ug/l	100
21) trans-1,2-Dichloroethene	5.234	96	128640	51.344	ug/l	98
22) Diisopropyl ether	6.131	45	346780	51.613	ug/l	99
23) Vinyl Acetate	6.076	43	1144361	263.196	ug/l	100
24) 1,1-Dichloroethane	6.027	63	213334	51.160	ug/l	99
25) 2-Butanone	6.996	43	194654	256.231	ug/l	99
26) 2,2-Dichloropropane	6.996	77	178299	49.033	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	146452	51.974	ug/l	99
28) Bromochloromethane	7.344	49	95486	57.232	ug/l	97
29) Tetrahydrofuran	7.356	42	132447	264.989	ug/l	100
30) Chloroform	7.514	83	221323	52.157	ug/l	100
31) Cyclohexane	7.789	56	190387	47.287	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	196370	51.886	ug/l	100
36) 1,1-Dichloropropene	7.923	75	169962	50.002	ug/l	99
37) Ethyl Acetate	7.088	43	90758	51.778	ug/l	99
38) Carbon Tetrachloride	7.911	117	181727	51.073	ug/l	99
39) Methylcyclohexane	9.185	83	219488	49.894	ug/l	99
40) Benzene	8.167	78	509895	50.873	ug/l	100

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41) Methacrylonitrile	7.319	41	53294m	54.822	ug/l	
42) 1,2-Dichloroethane	8.246	62	139693	51.313	ug/l	100
43) Isopropyl Acetate	8.283	43	163271	50.676	ug/l	99
44) Trichloroethene	8.947	130	146757	51.790	ug/l	99
45) 1,2-Dichloropropane	9.221	63	122380	51.027	ug/l	99
46) Dibromomethane	9.313	93	71707	51.411	ug/l	98
47) Bromodichloromethane	9.502	83	169516	51.833	ug/l	99
48) Methyl methacrylate	9.301	41	73616	52.082	ug/l	98
49) 1,4-Dioxane	9.313	88	21260	1159.102	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	440278	261.083	ug/l	99
52) Toluene	10.246	92	333121	51.997	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	185146	51.717	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	208759	51.723	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	105916	51.999	ug/l	98
56) Ethyl methacrylate	10.514	69	145063	52.464	ug/l	99
57) 1,3-Dichloropropane	10.794	76	177210	51.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	304176	249.423	ug/l	98
59) 2-Hexanone	10.837	43	304741	262.742	ug/l	100
60) Dibromochloromethane	10.989	129	133389	53.460	ug/l	100
61) 1,2-Dibromoethane	11.093	107	102674	51.820	ug/l	99
64) Tetrachloroethene	10.721	164	134756	51.233	ug/l	99
65) Chlorobenzene	11.520	112	364110	51.538	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	137335	52.374	ug/l	100
67) Ethyl Benzene	11.593	91	624536	51.266	ug/l	99
68) m/p-Xylenes	11.703	106	505783	103.628	ug/l	99
69) o-Xylene	12.032	106	241908	52.342	ug/l	99
70) Styrene	12.044	104	411352	52.934	ug/l	100
71) Bromoform	12.209	173	96403	54.030	ug/l	99
73) Isopropylbenzene	12.331	105	624420	51.941	ug/l	100
74) N-amyl acetate	12.148	43	143644	50.488	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	121440	51.266	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	81401m	49.518	ug/l	
77) Bromobenzene	12.611	156	165135	51.766	ug/l	98
78) n-propylbenzene	12.672	91	727194	51.299	ug/l	99
79) 2-Chlorotoluene	12.757	91	409925	51.262	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	518306	52.117	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	44039	49.984	ug/l	99
82) 4-Chlorotoluene	12.855	91	421050	50.894	ug/l	100
83) tert-Butylbenzene	13.074	119	459604	51.838	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	511254	51.998	ug/l	99
85) sec-Butylbenzene	13.257	105	668410	51.819	ug/l	100
86) p-Isopropyltoluene	13.373	119	574332	51.605	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	314333	51.612	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	308214	51.176	ug/l	99
89) n-Butylbenzene	13.696	91	493359	50.463	ug/l	100
90) Hexachloroethane	13.958	117	105405	52.429	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	278142	51.516	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19548	49.541	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	185322	48.701	ug/l	100
94) Hexachlorobutadiene	15.111	225	118652	49.822	ug/l	99
95) Naphthalene	15.239	128	351867	50.099	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	164989	49.231	ug/l	100

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

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