

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
 Data File : VY005542.D
 Acq On : 04 Aug 2021 16:57
 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
 8/6/2021 5:40:18 PM

Quant Time: Aug 05 06:41:28 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	319119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	481621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	438573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	221294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	165967	51.379	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.760%	
35) Dibromofluoromethane	7.728	113	137177	50.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.740%	
50) Toluene-d8	10.185	98	565939	50.044	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.080%	
62) 4-Bromofluorobenzene	12.483	95	189372	50.568	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	110410	42.125	ug/l	100
3) Chloromethane	2.119	50	135339	43.227	ug/l	100
4) Vinyl Chloride	2.259	62	165060	44.015	ug/l	99
5) Bromomethane	2.656	94	107191	43.425	ug/l	98
6) Chloroethane	2.802	64	107549	47.512	ug/l	100
7) Trichlorofluoromethane	3.131	101	225839	44.979	ug/l	99
8) Diethyl Ether	3.540	74	84727	48.315	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.912	101	128277	47.100	ug/l	99
10) Methyl Iodide	4.100	142	164157	48.381	ug/l	98
11) Tert butyl alcohol	4.972	59	79508	248.979	ug/l	99
12) 1,1-Dichloroethene	3.881	96	128369	46.677	ug/l	91
13) Acrolein	3.741	56	45836	237.901	ug/l	100
14) Allyl chloride	4.491	41	241815	50.202	ug/l	99
15) Acrylonitrile	5.173	53	229625	255.498	ug/l	98
16) Acetone	3.954	43	187142	229.782	ug/l	96
17) Carbon Disulfide	4.204	76	390489	46.061	ug/l	99
18) Methyl Acetate	4.485	43	102234	47.996	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	425943	49.995	ug/l	100
20) Methylene Chloride	4.722	84	191783	60.709	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	147571	47.995	ug/l	97
22) Diisopropyl ether	6.131	45	516710	51.997	ug/l	99
23) Vinyl Acetate	6.070	43	1708121	258.288	ug/l	100
24) 1,1-Dichloroethane	6.027	63	279332	50.722	ug/l	99
25) 2-Butanone	6.996	43	300107	249.281	ug/l	98
26) 2,2-Dichloropropane	6.990	77	240845	47.867	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	172559	49.344	ug/l	97
28) Bromochloromethane	7.344	49	114135	51.926	ug/l	95
29) Tetrahydrofuran	7.356	42	201355	252.871	ug/l	98
30) Chloroform	7.515	83	278033	49.464	ug/l	100
31) Cyclohexane	7.789	56	256938	46.372	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	250463	48.473	ug/l	99
36) 1,1-Dichloropropene	7.923	75	214969	47.588	ug/l	99
37) Ethyl Acetate	7.082	43	134259	49.060	ug/l	100
38) Carbon Tetrachloride	7.905	117	224365	45.700	ug/l	98
39) Methylcyclohexane	9.191	83	267805	46.598	ug/l	99
40) Benzene	8.167	78	619104	47.860	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	76532	51.542	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	199545	47.556	ug/l	100
43) Isopropyl Acetate	8.283	43	256139	49.437	ug/l	99
44) Trichloroethene	8.947	130	166238	47.085	ug/l	98
45) 1,2-Dichloropropane	9.222	63	161543	49.917	ug/l	99
46) Dibromomethane	9.313	93	86430	48.301	ug/l	97
47) Bromodichloromethane	9.502	83	217469	48.559	ug/l	98
48) Methyl methacrylate	9.301	41	117488	50.176	ug/l	97
49) 1,4-Dioxane	9.301	88	24446	982.991	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	684896	251.013	ug/l	99
52) Toluene	10.246	92	393546	47.712	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	241304	48.213	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	269076	49.539	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	124893	48.238	ug/l	96
56) Ethyl methacrylate	10.514	69	196051	50.570	ug/l	99
57) 1,3-Dichloropropane	10.794	76	224249	49.116	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	499668	269.736	ug/l	98
59) 2-Hexanone	10.837	43	481930	249.898	ug/l	98
60) Dibromochloromethane	10.990	129	152961	47.738	ug/l	100
61) 1,2-Dibromoethane	11.093	107	119491	48.721	ug/l	100
64) Tetrachloroethene	10.721	164	151441	45.364	ug/l	99
65) Chlorobenzene	11.520	112	422294	47.849	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	158248	47.640	ug/l	99
67) Ethyl Benzene	11.593	91	769654	48.093	ug/l	97
68) m/p-Xylenes	11.703	106	588584	94.692	ug/l	99
69) o-Xylene	12.032	106	282932	47.359	ug/l	98
70) Styrene	12.044	104	489245	48.652	ug/l	100
71) Bromoform	12.209	173	101821	47.268	ug/l	99
73) Isopropylbenzene	12.331	105	738787	47.827	ug/l	99
74) N-amyl acetate	12.148	43	238315	51.251	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	149076	50.176	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	109651m	47.815	ug/l	
77) Bromobenzene	12.611	156	182395	48.061	ug/l	97
78) n-propylbenzene	12.672	91	889029	48.458	ug/l	99
79) 2-Chlorotoluene	12.757	91	498389	48.378	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	614227	47.914	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	54862	48.226	ug/l	98
82) 4-Chlorotoluene	12.855	91	514774	48.294	ug/l	100
83) tert-Butylbenzene	13.074	119	555133	48.259	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	609546	48.189	ug/l	99
85) sec-Butylbenzene	13.257	105	793380	47.818	ug/l	100
86) p-Isopropyltoluene	13.373	119	677916	47.590	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	349295	47.169	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	340843	46.398	ug/l	98
89) n-Butylbenzene	13.696	91	617896	47.880	ug/l	99
90) Hexachloroethane	13.965	117	124121	48.465	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	313227	47.887	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	26282	46.664	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	209556	46.639	ug/l	99
94) Hexachlorobutadiene	15.117	225	132137	45.419	ug/l	100
95) Naphthalene	15.239	128	432774	48.861	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	188639	47.389	ug/l	99

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

