

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006128.D
 Acq On : 24 Sep 2021 10:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 10:58:00 AM

Quant Time: Sep 25 05:41:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	163745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	245732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	224948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	97150	42.712	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.420%		
35) Dibromofluoromethane	7.728	113	74010	48.490	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.980%		
50) Toluene-d8	10.184	98	319497	49.115	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.220%		
62) 4-Bromofluorobenzene	12.483	95	107813	48.815	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	83493	48.268	ug/l	99
3) Chloromethane	2.119	50	105654	49.119	ug/l	98
4) Vinyl Chloride	2.259	62	122531	50.452	ug/l	100
5) Bromomethane	2.655	94	74211	47.099	ug/l	99
6) Chloroethane	2.802	64	68284	46.883	ug/l	97
7) Trichlorofluoromethane	3.137	101	154283	48.731	ug/l	95
8) Diethyl Ether	3.533	74	49484	47.545	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.911	101	82687	52.311	ug/l	97
10) Methyl Iodide	4.100	142	80374	48.032	ug/l	94
11) Tert butyl alcohol	4.954	59	61345	160.770	ug/l	99
12) 1,1-Dichloroethene	3.881	96	83545	51.100	ug/l	98
13) Acrolein	3.740	56	27995	204.837	ug/l	100
14) Allyl chloride	4.490	41	167251	47.923	ug/l	95
15) Acrylonitrile	5.173	53	135558	228.657	ug/l	100
16) Acetone	3.954	43	162755	260.887	ug/l	97
17) Carbon Disulfide	4.204	76	263262	48.215	ug/l	100
18) Methyl Acetate	4.484	43	68893	43.840	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	247642	46.983	ug/l	99
20) Methylene Chloride	4.728	84	97189	49.926	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	92625	50.523	ug/l	97
22) Diisopropyl ether	6.124	45	326705	48.174	ug/l	96
23) Vinyl Acetate	6.069	43	988865	231.087	ug/l	99
24) 1,1-Dichloroethane	6.021	63	172633	49.685	ug/l	99
25) 2-Butanone	6.990	43	204195	237.479	ug/l	97
26) 2,2-Dichloropropane	6.990	77	163512	49.677	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	104566	51.124	ug/l	98
28) Bromochloromethane	7.337	49	74387	48.736	ug/l	97
29) Tetrahydrofuran	7.350	42	117733	217.859	ug/l	96
30) Chloroform	7.514	83	173828	49.897	ug/l	98
31) Cyclohexane	7.789	56	172475	47.336	ug/l	98
32) 1,1,1-Trichloroethane	7.709	97	162166	49.577	ug/l	99
36) 1,1-Dichloropropene	7.923	75	136669	51.529	ug/l	99
37) Ethyl Acetate	7.081	43	81127	44.278	ug/l	99
38) Carbon Tetrachloride	7.904	117	146801	50.842	ug/l	97
39) Methylcyclohexane	9.185	83	171467	52.160	ug/l	98
40) Benzene	8.166	78	388338	51.058	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.331	41	51463m	48.091	ug/l	
42) 1,2-Dichloroethane	8.246	62	125795	46.769	ug/l	97
43) Isopropyl Acetate	8.276	43	153995	45.122	ug/l	96
44) Trichloroethene	8.941	130	99647	52.575	ug/l	96
45) 1,2-Dichloropropane	9.221	63	96109	51.081	ug/l	97
46) Dibromomethane	9.307	93	50258	49.350	ug/l	97
47) Bromodichloromethane	9.502	83	130910	49.940	ug/l	99
48) Methyl methacrylate	9.294	41	71822	45.543	ug/l	94
49) 1,4-Dioxane	9.300	88	13574	965.813	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	402824	221.402	ug/l	97
52) Toluene	10.245	92	244535	52.175	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	143281	49.760	ug/l	99
54) cis-1,3-Dichloropropene	9.934	75	157970	50.867	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	71761	51.278	ug/l	99
56) Ethyl methacrylate	10.514	69	109087	48.761	ug/l	92
57) 1,3-Dichloropropane	10.794	76	127730	49.520	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	268039	228.865	ug/l	99
59) 2-Hexanone	10.837	43	300644	239.355	ug/l	97
60) Dibromochloromethane	10.989	129	87508	50.718	ug/l	99
61) 1,2-Dibromoethane	11.093	107	67813	51.303	ug/l	98
64) Tetrachloroethene	10.721	164	99220	53.928	ug/l	98
65) Chlorobenzene	11.520	112	250868	52.120	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	92095	51.335	ug/l	99
67) Ethyl Benzene	11.593	91	482772	52.767	ug/l	100
68) m/p-Xylenes	11.702	106	365983	105.493	ug/l	98
69) o-Xylene	12.032	106	172980	52.792	ug/l	98
70) Styrene	12.044	104	295295	52.607	ug/l	99
71) Bromoform	12.208	173	57550	51.233	ug/l #	99
73) Isopropylbenzene	12.330	105	466360	52.992	ug/l	99
74) N-amyl acetate	12.147	43	139334	45.848	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.586	83	79557	48.587	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	58960m	49.206	ug/l	
77) Bromobenzene	12.611	156	105598	51.424	ug/l	97
78) n-propylbenzene	12.672	91	569423	52.295	ug/l	99
79) 2-Chlorotoluene	12.757	91	315330	53.263	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	390251	53.468	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	30744	47.172	ug/l	99
82) 4-Chlorotoluene	12.855	91	324595	53.043	ug/l	99
83) tert-Butylbenzene	13.074	119	344198	55.138	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	382507	52.824	ug/l	99
85) sec-Butylbenzene	13.257	105	505826	54.129	ug/l	100
86) p-Isopropyltoluene	13.373	119	427404	53.573	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	210093	53.050	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	206518	51.989	ug/l	100
89) n-Butylbenzene	13.702	91	405784	54.391	ug/l	100
90) Hexachloroethane	13.964	117	76601	53.354	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	183394	52.753	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14819	45.619	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	119670	53.007	ug/l	100
94) Hexachlorobutadiene	15.116	225	80369	55.022	ug/l	99
95) Naphthalene	15.238	128	230258	51.280	ug/l	100
96) 1,2,3-Trichlorobenzene	15.427	180	101457	51.859	ug/l	99

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

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