

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
 Data File : VY006087.D
 Acq On : 20 Sep 2021 10:40
 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
 9/21/2021 6:58:51 PM

Quant Time: Sep 21 02:08:57 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	147368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	218355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	204084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91793	44.842	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.680%		
35) Dibromofluoromethane	7.728	113	67471	49.749	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.500%		
50) Toluene-d8	10.185	98	288542	49.918	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.840%		
62) 4-Bromofluorobenzene	12.483	95	96266	49.052	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	68043	43.708	ug/l	96
3) Chloromethane	2.119	50	84529	43.665	ug/l	96
4) Vinyl Chloride	2.259	62	100037	45.768	ug/l	99
5) Bromomethane	2.662	94	70879	49.984	ug/l	97
6) Chloroethane	2.802	64	65702	50.124	ug/l	97
7) Trichlorofluoromethane	3.131	101	140332	49.251	ug/l	98
8) Diethyl Ether	3.540	74	46539	49.684	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.912	101	71147	50.013	ug/l	97
10) Methyl Iodide	4.101	142	79807	52.994	ug/l	97
11) Tert butyl alcohol	5.009	59	34717	79.868	ug/l	100
12) 1,1-Dichloroethene	3.881	96	71794	48.792	ug/l	94
13) Acrolein	3.741	56	32817	266.804	ug/l	98
14) Allyl chloride	4.491	41	139523	44.421	ug/l	99
15) Acrylonitrile	5.180	53	120615	226.061	ug/l	99
16) Acetone	3.973	43	162074	288.667	ug/l	97
17) Carbon Disulfide	4.204	76	235120	47.846	ug/l	99
18) Methyl Acetate	4.491	43	60041	42.453	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	230593	48.610	ug/l	96
20) Methylene Chloride	4.729	84	84366	47.973	ug/l	89
21) trans-1,2-Dichloroethene	5.228	96	80685	48.901	ug/l	93
22) Diisopropyl ether	6.131	45	276990	45.383	ug/l	95
23) Vinyl Acetate	6.070	43	881590	228.913	ug/l	97
24) 1,1-Dichloroethane	6.027	63	145547	46.545	ug/l	99
25) 2-Butanone	7.003	43	184793	238.798	ug/l	94
26) 2,2-Dichloropropane	6.990	77	143259	48.360	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	90447	49.135	ug/l	96
28) Bromochloromethane	7.338	49	65901	47.975	ug/l	91
29) Tetrahydrofuran	7.362	42	102811	211.388	ug/l	94
30) Chloroform	7.515	83	152258	48.562	ug/l	100
31) Cyclohexane	7.789	56	143582	43.786	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	142360	48.358	ug/l	98
36) 1,1-Dichloropropene	7.923	75	117378	49.804	ug/l	98
37) Ethyl Acetate	7.082	43	73061	44.875	ug/l	98
38) Carbon Tetrachloride	7.905	117	132077	51.478	ug/l	96
39) Methylcyclohexane	9.185	83	146104	50.017	ug/l	99
40) Benzene	8.167	78	335953	49.709	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	39859	41.917	ug/l #	59
42) 1,2-Dichloroethane	8.240	62	115024	48.127	ug/l	98
43) Isopropyl Acetate	8.283	43	140243	46.245	ug/l	97
44) Trichloroethene	8.947	130	87142	51.741	ug/l	99
45) 1,2-Dichloropropane	9.222	63	80130	47.928	ug/l	95
46) Dibromomethane	9.313	93	45349	50.112	ug/l	96
47) Bromodichloromethane	9.502	83	116825	50.155	ug/l	100
48) Methyl methacrylate	9.295	41	65213	46.537	ug/l	96
49) 1,4-Dioxane	9.331	88	11294	904.340	ug/l #	46
51) 4-Methyl-2-Pentanone	10.075	43	373582	231.074	ug/l	97
52) Toluene	10.246	92	212565	51.040	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	129758	50.714	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	138017	50.014	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	63740	51.257	ug/l	99
56) Ethyl methacrylate	10.514	69	100669	50.640	ug/l	94
57) 1,3-Dichloropropane	10.795	76	114779	50.078	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	249943	240.171	ug/l	97
59) 2-Hexanone	10.837	43	286962	257.106	ug/l	98
60) Dibromochloromethane	10.990	129	80737	52.661	ug/l	100
61) 1,2-Dibromoethane	11.093	107	62005	52.790	ug/l	97
64) Tetrachloroethene	10.721	164	89932	53.877	ug/l	98
65) Chlorobenzene	11.520	112	220786	50.560	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	84214	51.741	ug/l	98
67) Ethyl Benzene	11.593	91	420541	50.664	ug/l	99
68) m/p-Xylenes	11.703	106	323349	102.733	ug/l	97
69) o-Xylene	12.032	106	153011	51.471	ug/l	96
70) Styrene	12.050	104	261419	51.334	ug/l	99
71) Bromoform	12.215	173	55237	54.201	ug/l #	97
73) Isopropylbenzene	12.331	105	405160	49.348	ug/l	100
74) N-amyl acetate	12.148	43	130577	46.056	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	74588	48.828	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	54368m	48.635	ug/l	
77) Bromobenzene	12.611	156	94970	49.573	ug/l	96
78) n-propylbenzene	12.672	91	497562	48.981	ug/l	100
79) 2-Chlorotoluene	12.758	91	271520	49.160	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	339581	49.871	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	29183	47.996	ug/l	99
82) 4-Chlorotoluene	12.855	91	284039	49.753	ug/l	100
83) tert-Butylbenzene	13.075	119	299536	51.433	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	338811	50.153	ug/l	99
85) sec-Butylbenzene	13.258	105	439437	50.406	ug/l	99
86) p-Isopropyltoluene	13.373	119	377818	50.763	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	189403	51.264	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	188292	50.809	ug/l	98
89) n-Butylbenzene	13.696	91	350071	50.297	ug/l	99
90) Hexachloroethane	13.965	117	67373	50.301	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	168260	51.879	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14796	48.822	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	115233	54.711	ug/l	99
94) Hexachlorobutadiene	15.111	225	72324	53.074	ug/l	99
95) Naphthalene	15.239	128	235743	56.277	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	102259	56.027	ug/l	98

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

