

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072221\
 Data File : VY005414.D
 Acq On : 22 Jul 2021 16:12
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:47:56 PM

Quant Time: Jul 23 05:49:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 05:45:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	260718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	389876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	364255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	186426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	154478	55.461	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.920%			
35) Dibromofluoromethane	7.728	113	123459	54.842	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.680%			
50) Toluene-d8	10.185	98	523305	54.846	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.700%			
62) 4-Bromofluorobenzene	12.483	95	172016	54.624	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	101331	42.933	ug/l	100
3) Chloromethane	2.119	50	129046	44.602	ug/l	100
4) Vinyl Chloride	2.259	62	154027	44.707	ug/l	100
5) Bromomethane	2.662	94	127208	50.523	ug/l	100
6) Chloroethane	2.802	64	107881	49.844	ug/l	100
7) Trichlorofluoromethane	3.137	101	219971	48.824	ug/l	100
8) Diethyl Ether	3.540	74	79143	49.900	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	116714	47.665	ug/l	100
10) Methyl Iodide	4.101	142	134589	48.431	ug/l	100
11) Tert butyl alcohol	5.027	59	56880	216.173	ug/l	100
12) 1,1-Dichloroethene	3.881	96	120788	48.458	ug/l	100
13) Acrolein	3.747	56	48553	201.510	ug/l	100
14) Allyl chloride	4.491	41	217525	48.764	ug/l	100
15) Acrylonitrile	5.186	53	190295	241.603	ug/l	100
16) Acetone	3.979	43	135175	212.509	ug/l	100
17) Carbon Disulfide	4.204	76	393734	47.768	ug/l	100
18) Methyl Acetate	4.491	43	84073	47.022	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	384872	51.172	ug/l	100
20) Methylene Chloride	4.729	84	165905	45.015	ug/l	100
21) trans-1,2-Dichloroethene	5.235	96	138686	49.524	ug/l	100
22) Diisopropyl ether	6.131	45	452744	52.292	ug/l	100
23) Vinyl Acetate	6.076	43	1519609	266.840	ug/l	100
24) 1,1-Dichloroethane	6.033	63	248258	52.021	ug/l	100
25) 2-Butanone	7.003	43	232570	244.151	ug/l	100
26) 2,2-Dichloropropane	6.990	77	219629	50.610	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	157247	52.492	ug/l	100
28) Bromochloromethane	7.344	49	96376	50.166	ug/l	100
29) Tetrahydrofuran	7.362	42	162051	256.892	ug/l	100
30) Chloroform	7.515	83	256125	54.250	ug/l	100
31) Cyclohexane	7.795	56	233686	49.136	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	234042	53.543	ug/l	100
36) 1,1-Dichloropropene	7.923	75	196203	52.047	ug/l	100
37) Ethyl Acetate	7.088	43	119490	52.071	ug/l	100
38) Carbon Tetrachloride	7.911	117	214622	52.100	ug/l	100
39) Methylcyclohexane	9.191	83	247439	51.188	ug/l	100
40) Benzene	8.167	78	571888	52.790	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	66094	43.120	ug/l	100
42) 1,2-Dichloroethane	8.246	62	187517	53.508	ug/l	100
43) Isopropyl Acetate	8.283	43	223079	53.682	ug/l	100
44) Trichloroethene	8.947	130	154413	52.557	ug/l	100
45) 1,2-Dichloropropane	9.222	63	140946	52.840	ug/l	100
46) Dibromomethane	9.313	93	78306	53.336	ug/l	100
47) Bromodichloromethane	9.502	83	200090	54.219	ug/l	100
48) Methyl methacrylate	9.301	41	102632	53.107	ug/l	100
49) 1,4-Dioxane	9.337	88	21439	1035.210	ug/l #	100
51) 4-Methyl-2-Pentanone	10.075	43	585259	265.288	ug/l	100
52) Toluene	10.246	92	366969	53.344	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	221849	53.738	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	242784	53.500	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	113341	53.791	ug/l	100
56) Ethyl methacrylate	10.514	69	173959	54.677	ug/l	100
57) 1,3-Dichloropropane	10.795	76	200651	53.542	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	416596	273.792	ug/l	100
59) 2-Hexanone	10.837	43	408337	264.082	ug/l	100
60) Dibromochloromethane	10.990	129	140625	54.646	ug/l	100
61) 1,2-Dibromoethane	11.093	107	107994	54.147	ug/l	100
64) Tetrachloroethene	10.727	164	142100	51.640	ug/l	100
65) Chlorobenzene	11.520	112	390860	52.390	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	148381	53.252	ug/l	100
67) Ethyl Benzene	11.593	91	713628	52.544	ug/l	100
68) m/p-Xylenes	11.709	106	551012	104.482	ug/l	100
69) o-Xylene	12.032	106	264398	52.698	ug/l	100
70) Styrene	12.044	104	457867	53.745	ug/l	100
71) Bromoform	12.215	173	97563	54.785	ug/l	100
73) Isopropylbenzene	12.331	105	688576	53.561	ug/l	100
74) N-amyl acetate	12.148	43	212656	54.331	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	131776	53.686	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	96635m	70.235	ug/l	
77) Bromobenzene	12.611	156	170238	54.074	ug/l	100
78) n-propylbenzene	12.672	91	822088	53.002	ug/l	100
79) 2-Chlorotoluene	12.758	91	465596	53.441	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	574738	53.524	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	49602	52.504	ug/l	100
82) 4-Chlorotoluene	12.855	91	476873	52.884	ug/l	100
83) tert-Butylbenzene	13.081	119	508968	53.214	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	575174	53.404	ug/l	100
85) sec-Butylbenzene	13.257	105	730226	52.931	ug/l	100
86) p-Isopropyltoluene	13.373	119	624492	52.574	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	330759	53.569	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	321881	52.613	ug/l	100
89) n-Butylbenzene	13.696	91	567655	52.064	ug/l	100
90) Hexachloroethane	13.965	117	113845	53.319	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	292762	53.098	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	24506	51.485	ug/l	100
93) 1,2,4-Trichlorobenzene	15.013	180	197134	51.819	ug/l	100
94) Hexachlorobutadiene	15.117	225	123679	51.297	ug/l	100
95) Naphthalene	15.239	128	403214	52.690	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	179055	52.218	ug/l	100

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

