

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005703.D
 Acq On : 17 Aug 2021 05:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/17/2021 7:23:45 PM

Quant Time: Aug 17 06:15:02 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	180939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	277375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	256021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102720	56.084	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.160%			
35) Dibromofluoromethane	7.722	113	82071	52.848	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.700%			
50) Toluene-d8	10.185	98	328768	50.479	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.960%			
62) 4-Bromofluorobenzene	12.483	95	113107	52.443	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	74267	49.974	ug/l	97
3) Chloromethane	2.119	50	96048	54.106	ug/l	98
4) Vinyl Chloride	2.259	62	118840	55.891	ug/l	100
5) Bromomethane	2.656	94	78712	56.240	ug/l	97
6) Chloroethane	2.802	64	79912	62.262	ug/l	100
7) Trichlorofluoromethane	3.131	101	158927	55.825	ug/l	100
8) Diethyl Ether	3.540	74	59113	59.451	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	88166	57.095	ug/l	98
10) Methyl Iodide	4.101	142	114450	59.491	ug/l	98
11) Tert butyl alcohol	4.972	59	44877	247.855	ug/l	99
12) 1,1-Dichloroethene	3.881	96	91143	58.450	ug/l	97
13) Acrolein	3.735	56	25593	234.278	ug/l	99
14) Allyl chloride	4.491	41	169367	62.013	ug/l	99
15) Acrylonitrile	5.173	53	141336	277.358	ug/l	98
16) Acetone	3.960	43	123081	266.536	ug/l	96
17) Carbon Disulfide	4.204	76	266481	55.438	ug/l	97
18) Methyl Acetate	4.491	43	79017	65.426	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	265839	55.031	ug/l	99
20) Methylene Chloride	4.728	84	130905	74.490	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	91316	52.379	ug/l	94
22) Diisopropyl ether	6.131	45	325394	57.751	ug/l	98
23) Vinyl Acetate	6.070	43	1041940	277.875	ug/l	99
24) 1,1-Dichloroethane	6.027	63	178306	57.104	ug/l	100
25) 2-Butanone	6.996	43	180207	264.000	ug/l	99
26) 2,2-Dichloropropane	6.990	77	131765	46.187	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	107459	54.195	ug/l	97
28) Bromochloromethane	7.338	49	65961	52.927	ug/l	96
29) Tetrahydrofuran	7.356	42	122409	271.126	ug/l	97
30) Chloroform	7.515	83	181627	56.990	ug/l	100
31) Cyclohexane	7.789	56	148193	47.171	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	163910	55.948	ug/l	100
36) 1,1-Dichloropropene	7.923	75	132982	51.116	ug/l	98
37) Ethyl Acetate	7.082	43	80187	50.878	ug/l	99
38) Carbon Tetrachloride	7.905	117	146349	51.759	ug/l	99
39) Methylcyclohexane	9.185	83	155342	46.933	ug/l	100
40) Benzene	8.167	78	393201	52.779	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	48267m	56.443	ug/l	
42) 1,2-Dichloroethane	8.246	62	133578	55.276	ug/l	99
43) Isopropyl Acetate	8.277	43	157452	52.767	ug/l	99
44) Trichloroethene	8.947	130	106064	52.163	ug/l	95
45) 1,2-Dichloropropane	9.222	63	99910	53.605	ug/l	98
46) Dibromomethane	9.307	93	55157	53.521	ug/l	97
47) Bromodichloromethane	9.502	83	141425	54.833	ug/l	96
48) Methyl methacrylate	9.295	41	71656	53.137	ug/l	97
49) 1,4-Dioxane	9.301	88	14865	1037.874	ug/l	91
51) 4-Methyl-2-Pentanone	10.075	43	426503	271.414	ug/l	98
52) Toluene	10.246	92	251464	52.936	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	147500	51.172	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	160143	51.194	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	79423	53.264	ug/l	99
56) Ethyl methacrylate	10.514	69	118954	53.277	ug/l	95
57) 1,3-Dichloropropane	10.794	76	141718	53.896	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	310433	290.980	ug/l	99
59) 2-Hexanone	10.837	43	296025	266.530	ug/l	99
60) Dibromochloromethane	10.983	129	99878	54.125	ug/l	99
61) 1,2-Dibromoethane	11.093	107	75019	53.112	ug/l	100
64) Tetrachloroethene	10.721	164	107455	55.139	ug/l	99
65) Chlorobenzene	11.520	112	275887	53.550	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	106132	54.733	ug/l	98
67) Ethyl Benzene	11.593	91	492427	52.710	ug/l	100
68) m/p-Xylenes	11.703	106	383964	105.818	ug/l	99
69) o-Xylene	12.032	106	185585	53.214	ug/l	100
70) Styrene	12.044	104	317374	54.064	ug/l	99
71) Bromoform	12.209	173	67061	53.329	ug/l #	100
73) Isopropylbenzene	12.331	105	483856	50.553	ug/l	100
74) N-amyl acetate	12.142	43	147041	51.034	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	91585	49.749	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	62198m	43.772	ug/l	
77) Bromobenzene	12.611	156	120427	51.212	ug/l	99
78) n-propylbenzene	12.672	91	576678	50.729	ug/l	100
79) 2-Chlorotoluene	12.758	91	327456	51.298	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	406976	51.235	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	31482	44.663	ug/l	99
82) 4-Chlorotoluene	12.855	91	342428	51.846	ug/l	99
83) tert-Butylbenzene	13.075	119	359408	50.424	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	406546	51.870	ug/l	100
85) sec-Butylbenzene	13.251	105	526183	51.182	ug/l	100
86) p-Isopropyltoluene	13.367	119	447526	50.703	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	235835	51.398	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	233795	51.363	ug/l	100
89) n-Butylbenzene	13.696	91	399435	49.952	ug/l	99
90) Hexachloroethane	13.959	117	83112	52.374	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	210836	52.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17259	49.455	ug/l	98
93) 1,2,4-Trichlorobenzene	15.001	180	137897	49.531	ug/l	99
94) Hexachlorobutadiene	15.111	225	88614	49.157	ug/l	99
95) Naphthalene	15.233	128	276025	50.294	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	123816	50.199	ug/l	100

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

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