

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006085.D
 Acq On : 17 Sep 2021 21:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/20/2021 6:52:28 PM

Quant Time: Sep 20 01:45:19 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	167282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	273687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	256386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116515	50.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.280%	
35) Dibromofluoromethane	7.722	113	86798	51.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.120%	
50) Toluene-d8	10.179	98	364396	50.295	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.483	95	127084	51.663	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	82833	46.874	ug/l	99
3) Chloromethane	2.113	50	102736	46.752	ug/l	97
4) Vinyl Chloride	2.253	62	115669	46.620	ug/l	98
5) Bromomethane	2.656	94	84969	52.787	ug/l	99
6) Chloroethane	2.802	64	72610	48.799	ug/l	100
7) Trichlorofluoromethane	3.131	101	149962	46.365	ug/l	94
8) Diethyl Ether	3.540	74	57770	54.332	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	81188	50.277	ug/l	97
10) Methyl Iodide	4.100	142	79929	46.756	ug/l	95
11) Tert butyl alcohol	4.984	59	60180	151.779	ug/l #	90
12) 1,1-Dichloroethene	3.881	96	85155	50.983	ug/l	96
13) Acrolein	3.735	56	29797	213.413	ug/l	98
14) Allyl chloride	4.485	41	187392	52.559	ug/l	95
15) Acrylonitrile	5.173	53	161444	266.563	ug/l	99
16) Acetone	3.960	43	124638	195.564	ug/l	97
17) Carbon Disulfide	4.198	76	280991	50.374	ug/l	98
18) Methyl Acetate	4.491	43	89825	55.951	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	293392	54.485	ug/l	98
20) Methylene Chloride	4.722	84	117214	59.865	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	98365	52.519	ug/l	99
22) Diisopropyl ether	6.124	45	385975	55.711	ug/l	96
23) Vinyl Acetate	6.070	43	1174510	268.667	ug/l	100
24) 1,1-Dichloroethane	6.021	63	193816	54.602	ug/l	98
25) 2-Butanone	6.996	43	214075	243.705	ug/l	99
26) 2,2-Dichloropropane	6.990	77	154729	46.014	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	114797	54.939	ug/l	99
28) Bromochloromethane	7.338	49	94505	60.608	ug/l	97
29) Tetrahydrofuran	7.356	42	146414	265.203	ug/l	99
30) Chloroform	7.514	83	190782	53.605	ug/l	99
31) Cyclohexane	7.789	56	181854	48.855	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	168590	50.451	ug/l	99
36) 1,1-Dichloropropene	7.923	75	145171	49.144	ug/l	99
37) Ethyl Acetate	7.082	43	101790	49.880	ug/l	100
38) Carbon Tetrachloride	7.905	117	147247	45.787	ug/l	98
39) Methylcyclohexane	9.185	83	176263	48.143	ug/l	96
40) Benzene	8.167	78	427393	50.453	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	59557	49.970	ug/l #	42
42) 1,2-Dichloroethane	8.240	62	144865	48.358	ug/l	98
43) Isopropyl Acetate	8.277	43	195511	51.435	ug/l	99
44) Trichloroethene	8.947	130	104841	49.665	ug/l	99
45) 1,2-Dichloropropane	9.221	63	111010	52.974	ug/l	97
46) Dibromomethane	9.307	93	58159	51.275	ug/l	97
47) Bromodichloromethane	9.502	83	149445	51.188	ug/l	98
48) Methyl methacrylate	9.295	41	90343	51.436	ug/l	97
49) 1,4-Dioxane	9.313	88	14352	916.865	ug/l #	94
51) 4-Methyl-2-Pentanone	10.075	43	519094	256.165	ug/l	97
52) Toluene	10.246	92	264470	50.664	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	161248	50.280	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	175849	50.841	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	81469	52.269	ug/l	98
56) Ethyl methacrylate	10.514	69	133874	53.728	ug/l	96
57) 1,3-Dichloropropane	10.794	76	150038	52.227	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	327595	251.146	ug/l	98
59) 2-Hexanone	10.837	43	356758	255.018	ug/l	97
60) Dibromochloromethane	10.989	129	98247	51.126	ug/l	99
61) 1,2-Dibromoethane	11.093	107	78301	53.186	ug/l	99
64) Tetrachloroethene	10.721	164	102098	48.688	ug/l	99
65) Chlorobenzene	11.520	112	269325	49.094	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	102133	49.950	ug/l	98
67) Ethyl Benzene	11.593	91	514859	49.374	ug/l	99
68) m/p-Xylenes	11.703	106	383501	96.988	ug/l	100
69) o-Xylene	12.032	106	186401	49.912	ug/l	99
70) Styrene	12.044	104	320336	50.071	ug/l	100
71) Bromoform	12.209	173	65069	50.824	ug/l #	99
73) Isopropylbenzene	12.331	105	479468	49.181	ug/l	99
74) N-amyl acetate	12.142	43	178070	52.894	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	97310	53.648	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	68226m	51.399	ug/l	
77) Bromobenzene	12.611	156	112462	49.439	ug/l	96
78) n-propylbenzene	12.672	91	592386	49.111	ug/l	99
79) 2-Chlorotoluene	12.757	91	337499	51.461	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	404518	50.031	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	36073	49.964	ug/l	96
82) 4-Chlorotoluene	12.855	91	350803	51.749	ug/l	97
83) tert-Butylbenzene	13.074	119	345182	49.916	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	403027	50.243	ug/l	99
85) sec-Butylbenzene	13.251	105	511262	49.388	ug/l	99
86) p-Isopropyltoluene	13.367	119	429357	48.582	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	217396	49.553	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	214882	48.832	ug/l	99
89) n-Butylbenzene	13.696	91	409234	49.517	ug/l	99
90) Hexachloroethane	13.958	117	80089	50.357	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	198037	51.423	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19368	53.822	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	127566	51.007	ug/l	100
94) Hexachlorobutadiene	15.111	225	75406	46.601	ug/l	97
95) Naphthalene	15.239	128	279904	56.272	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	113606	52.420	ug/l	99

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

