

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091421\
 Data File : VY006001.D
 Acq On : 14 Sep 2021 11:50
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 5:41:11 PM

Quant Time: Sep 15 04:29:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 04:26:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	134721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	208394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	192914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	190706	102.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 204.060%#	
35) Dibromofluoromethane	7.722	113	132098	102.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 205.280%#	
50) Toluene-d8	10.185	98	562948	102.712	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 205.420%#	
62) 4-Bromofluorobenzene	12.483	95	191056	103.088	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 206.180%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	150225	106.108	ug/l	100
3) Chloromethane	2.119	50	177924	100.604	ug/l	95
4) Vinyl Chloride	2.259	62	195835	97.790	ug/l	99
5) Bromomethane	2.643	94	124915	93.704	ug/l	97
6) Chloroethane	2.796	64	122483	100.470	ug/l	99
7) Trichlorofluoromethane	3.131	101	263893	99.445	ug/l	98
8) Diethyl Ether	3.534	74	91876	104.087	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	132424	102.247	ug/l	99
10) Methyl Iodide	4.100	142	158304	114.399	ug/l	99
11) Tert butyl alcohol	4.966	59	115133	341.539	ug/l	97
12) 1,1-Dichloroethene	3.881	96	136561	101.837	ug/l	100
13) Acrolein	3.735	56	58890	519.863	ug/l	100
14) Allyl chloride	4.485	41	297309	103.143	ug/l	99
15) Acrylonitrile	5.167	53	272612	552.550	ug/l	100
16) Acetone	3.954	43	276320	550.294	ug/l	98
17) Carbon Disulfide	4.198	76	453237	100.524	ug/l	100
18) Methyl Acetate	4.485	43	139480	109.000	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	472985	108.309	ug/l	100
20) Methylene Chloride	4.722	84	158251	85.281	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	155388	102.619	ug/l	99
22) Diisopropyl ether	6.125	45	579940	103.725	ug/l	99
23) Vinyl Acetate	6.070	43	1935291	547.160	ug/l	99
24) 1,1-Dichloroethane	6.027	63	293186	102.682	ug/l	99
25) 2-Butanone	6.996	43	405048	579.928	ug/l	97
26) 2,2-Dichloropropane	6.990	77	273192	100.534	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	177272	104.558	ug/l	99
28) Bromochloromethane	7.344	49	136912	109.863	ug/l #	99
29) Tetrahydrofuran	7.356	42	252736	569.165	ug/l	99
30) Chloroform	7.514	83	296608	103.196	ug/l	99
31) Cyclohexane	7.789	56	290644	96.684	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	277628	103.168	ug/l	99
36) 1,1-Dichloropropene	7.923	75	232062	103.296	ug/l	99
37) Ethyl Acetate	7.082	43	165279	105.435	ug/l	99
38) Carbon Tetrachloride	7.905	117	252454	101.908	ug/l	99
39) Methylcyclohexane	9.185	83	289269	103.571	ug/l	98
40) Benzene	8.167	78	667517	103.666	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	104493m	106.852	ug/l	
42) 1,2-Dichloroethane	8.246	62	241377	104.865	ug/l	100
43) Isopropyl Acetate	8.277	43	324302	110.756	ug/l	99
44) Trichloroethene	8.941	130	165140	102.025	ug/l	93
45) 1,2-Dichloropropane	9.222	63	163075	101.972	ug/l	95
46) Dibromomethane	9.307	93	91108	106.037	ug/l	99
47) Bromodichloromethane	9.502	83	234489	104.152	ug/l	98
48) Methyl methacrylate	9.295	41	151538	111.656	ug/l	99
49) 1,4-Dioxane	9.301	88	27093	2511.259	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	876539	566.279	ug/l	99
52) Toluene	10.246	92	417709	104.701	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	266145	107.772	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	278392	105.151	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	126960	105.649	ug/l	99
56) Ethyl methacrylate	10.514	69	213085	111.714	ug/l	99
57) 1,3-Dichloropropane	10.794	76	233331	106.089	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	538083	543.418	ug/l	99
59) 2-Hexanone	10.837	43	629064	587.208	ug/l	99
60) Dibromochloromethane	10.989	129	159311	107.197	ug/l	99
61) 1,2-Dibromoethane	11.093	107	121105	107.758	ug/l	100
64) Tetrachloroethene	10.721	164	160769	100.831	ug/l	98
65) Chlorobenzene	11.520	112	431557	104.600	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	164285	106.808	ug/l	99
67) Ethyl Benzene	11.593	91	839240	106.855	ug/l	100
68) m/p-Xylenes	11.703	106	635328	214.030	ug/l	99
69) o-Xylene	12.032	106	302016	107.619	ug/l	98
70) Styrene	12.044	104	522359	108.292	ug/l	100
71) Bromoform	12.209	173	108491	111.768	ug/l #	99
73) Isopropylbenzene	12.331	105	791900	106.568	ug/l	99
74) N-amyl acetate	12.142	43	298076	115.348	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	153361	109.737	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	104082m	120.286	ug/l	
77) Bromobenzene	12.611	156	184737	105.754	ug/l	99
78) n-propylbenzene	12.672	91	972892	105.968	ug/l	100
79) 2-Chlorotoluene	12.757	91	538803	105.630	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	663749	105.003	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	62039	111.347	ug/l	99
82) 4-Chlorotoluene	12.855	91	563970	106.950	ug/l	98
83) tert-Butylbenzene	13.074	119	567781	105.625	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	666903	106.753	ug/l	100
85) sec-Butylbenzene	13.251	105	845710	104.408	ug/l	100
86) p-Isopropyltoluene	13.367	119	734955	107.073	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	365313	106.189	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	354705	103.551	ug/l	98
89) n-Butylbenzene	13.696	91	685315	105.726	ug/l	100
90) Hexachloroethane	13.958	117	130408	104.154	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	319622	104.918	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	31749	110.748	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	215994	109.071	ug/l	100
94) Hexachlorobutadiene	15.111	225	130684	103.070	ug/l	99
95) Naphthalene	15.233	128	465640	116.961	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	189347	109.361	ug/l	99

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

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