

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
 Data File : VU049602.D
 Acq On : 01 Jul 2022 23:16
 Operator : SY/MD
 Sample : VU0701MBS01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0701MBS01

Quant Time: Jul 04 06:53:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	194479	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	359014	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	329088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	151025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	163916	54.728	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.460%	
35) Dibromofluoromethane	5.289	113	131157	52.217	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.440%	
50) Toluene-d8	7.896	98	459721	51.315	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.640%	
62) 4-Bromofluorobenzene	10.632	95	172039	50.131	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.260%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	51049	16.335	ug/l	100
3) Chloromethane	1.520	50	66961	16.995	ug/l	99
4) Vinyl Chloride	1.601	62	57236	18.191	ug/l	99
5) Bromomethane	1.839	94	28485	29.116	ug/l	99
6) Chloroethane	1.922	64	36356	26.004	ug/l	99
7) Trichlorofluoromethane	2.131	101	72849	18.168	ug/l	98
8) Diethyl Ether	2.375	74	32828	22.664	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.575	101	41708	19.332	ug/l	95
10) Methyl Iodide	2.716	142	62454	32.544	ug/l	95
11) Tert butyl alcohol	3.186	59	106533	151.966	ug/l	# 52
12) 1,1-Dichloroethene	2.575	96	43698	20.688	ug/l	91
13) Acrolein	2.482	56	18682	39.352	ug/l	95
14) Allyl chloride	2.919	41	86813	20.336	ug/l	# 88
15) Acrylonitrile	3.311	53	197289	117.014	ug/l	100
16) Acetone	2.626	43	159716	105.743	ug/l	99
17) Carbon Disulfide	2.787	76	116627	17.705	ug/l	100
18) Methyl Acetate	2.948	43	111857	27.358	ug/l	94
19) Methyl tert-butyl Ether	3.363	73	190685	24.272	ug/l	99
20) Methylene Chloride	3.041	84	61800	24.196	ug/l	89
21) trans-1,2-Dichloroethene	3.350	96	47868	21.022	ug/l	92
22) Diisopropyl ether	3.990	45	185414	22.748	ug/l	# 78
23) Vinyl Acetate	3.954	43	759960	106.378	ug/l	96
24) 1,1-Dichloroethane	3.864	63	103266	22.057	ug/l	98
25) 2-Butanone	4.700	43	263839	116.559	ug/l	97
26) 2,2-Dichloropropane	4.662	77	49567	12.720	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	62657	23.816	ug/l	97
28) Bromochloromethane	4.973	49	44051	21.525	ug/l	# 79
29) Tetrahydrofuran	5.047	42	179381	115.519	ug/l	89
30) Chloroform	5.089	83	104396	22.542	ug/l	97
31) Cyclohexane	5.385	56	82460	18.336	ug/l	97
32) 1,1,1-Trichloroethane	5.314	97	85809	21.354	ug/l	98
36) 1,1-Dichloropropene	5.523	75	68137	18.709	ug/l	97
37) Ethyl Acetate	4.803	43	96703	19.431	ug/l	# 92
38) Carbon Tetrachloride	5.523	117	71177	18.635	ug/l	99
39) Methylcyclohexane	6.761	83	73114	16.748	ug/l	91
40) Benzene	5.771	78	228756	20.804	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	52552	21.074	ug/l	93
42) 1,2-Dichloroethane	5.793	62	84197	20.574	ug/l	100
43) Isopropyl Acetate	5.912	43	152052	20.851	ug/l	97
44) Trichloroethene	6.543	130	52628	20.134	ug/l	89
45) 1,2-Dichloropropane	6.790	63	64910	21.304	ug/l	96
46) Dibromomethane	6.919	93	43365	21.348	ug/l	89
47) Bromodichloromethane	7.105	83	81007	20.719	ug/l	97
48) Methyl methacrylate	6.957	41	73430	21.487	ug/l	89
49) 1,4-Dioxane	6.967	88	39937	456.147	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	516530	105.839	ug/l	97
52) Toluene	7.967	92	136290	20.854	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	80646	19.229	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	89928	20.082	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	60300	22.316	ug/l	97
56) Ethyl methacrylate	8.333	69	100984	22.345	ug/l	93
57) 1,3-Dichloropropane	8.575	76	103328	21.557	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	71040	203.898	ug/l	96
59) 2-Hexanone	8.684	43	395132	102.957	ug/l	97
60) Dibromochloromethane	8.809	129	61597	21.921	ug/l	97
61) 1,2-Dibromoethane	8.922	107	63890	21.697	ug/l	99
64) Tetrachloroethene	8.552	164	42788	20.271	ug/l	94
65) Chlorobenzene	9.446	112	140185	20.837	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	54505	21.476	ug/l	98
67) Ethyl Benzene	9.568	91	253303	20.508	ug/l	96
68) m/p-Xylenes	9.694	106	187208	40.965	ug/l	90
69) o-Xylene	10.099	106	94959	20.931	ug/l	88
70) Styrene	10.115	104	155890	21.385	ug/l	95
71) Bromoform	10.292	173	45679	20.985	ug/l #	97
73) Isopropylbenzene	10.484	105	238211	22.142	ug/l	96
74) N-amyl acetate	10.320	43	125036	21.959	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.784	83	107196	23.522	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	112080	21.892	ug/l	98
77) Bromobenzene	10.784	156	60195	22.922	ug/l	86
78) n-propylbenzene	10.906	91	271263	20.750	ug/l	97
79) 2-Chlorotoluene	10.986	91	173635	21.559	ug/l	93
80) 1,3,5-Trimethylbenzene	11.089	105	206633	22.000	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.546	75	25016	18.045	ug/l	91
82) 4-Chlorotoluene	11.095	91	193514	21.363	ug/l	93
83) tert-Butylbenzene	11.420	119	200663	21.721	ug/l	94
84) 1,2,4-Trimethylbenzene	11.465	105	205883	22.313	ug/l	96
85) sec-Butylbenzene	11.642	105	234471	20.187	ug/l	97
86) p-Isopropyltoluene	11.793	119	195640	20.829	ug/l	95
87) 1,3-Dichlorobenzene	11.745	146	106434	21.200	ug/l	96
88) 1,4-Dichlorobenzene	11.835	146	104456	20.700	ug/l	95
89) n-Butylbenzene	12.208	91	159521	18.347	ug/l	98
90) Hexachloroethane	12.478	117	34501	18.441	ug/l	88
91) 1,2-Dichlorobenzene	12.211	146	111253	22.054	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.996	75	27250	23.319	ug/l	84
93) 1,2,4-Trichlorobenzene	13.841	180	67339	20.947	ug/l	97
94) Hexachlorobutadiene	14.021	225	26253	16.777	ug/l	99
95) Naphthalene	14.086	128	285675	25.058	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	75556	22.375	ug/l	96

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

