

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
 Data File : VU049584.D
 Acq On : 01 Jul 2022 15:44
 Operator : SY/MD
 Sample : VU0701MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0701MBS01

Quant Time: Jul 04 06:46:08 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	172192	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	295464	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	265284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	125478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	135542	51.112	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.220%	
35) Dibromofluoromethane	5.289	113	104788	50.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.380%	
50) Toluene-d8	7.896	98	367516	49.847	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.700%	
62) 4-Bromofluorobenzene	10.632	95	133426	47.242	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.480%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	51281	18.533	ug/l	96
3) Chloromethane	1.520	50	62030	17.819	ug/l	99
4) Vinyl Chloride	1.601	62	54612	19.604	ug/l	99
5) Bromomethane	1.839	94	27741	32.025	ug/l	98
6) Chloroethane	1.922	64	29889	24.282	ug/l	99
7) Trichlorofluoromethane	2.131	101	68307	19.240	ug/l	99
8) Diethyl Ether	2.376	74	26311	20.516	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.575	101	37945	19.864	ug/l	93
10) Methyl Iodide	2.716	142	46748	28.674	ug/l	93
11) Tert butyl alcohol	3.186	59	91479	147.382	ug/l	# 52
12) 1,1-Dichloroethene	2.575	96	37659	20.136	ug/l	95
13) Acrolein	2.485	56	19496	46.381	ug/l	98
14) Allyl chloride	2.919	41	76755	20.307	ug/l	# 87
15) Acrylonitrile	3.311	53	173292	116.084	ug/l	98
16) Acetone	2.626	43	140820	105.300	ug/l	100
17) Carbon Disulfide	2.787	76	102070	17.500	ug/l	99
18) Methyl Acetate	2.948	43	81344	22.470	ug/l	90
19) Methyl tert-butyl Ether	3.363	73	149091	21.434	ug/l	98
20) Methylene Chloride	3.041	84	49217	21.688	ug/l	# 87
21) trans-1,2-Dichloroethene	3.350	96	39936	19.809	ug/l	93
22) Diisopropyl ether	3.990	45	154722	21.440	ug/l	83
23) Vinyl Acetate	3.954	43	667845	105.583	ug/l	94
24) 1,1-Dichloroethane	3.867	63	85596	20.649	ug/l	96
25) 2-Butanone	4.700	43	230439	114.980	ug/l	93
26) 2,2-Dichloropropane	4.665	77	63175	18.311	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	49816	21.386	ug/l	90
28) Bromochloromethane	4.973	49	40395	22.294	ug/l	# 76
29) Tetrahydrofuran	5.051	42	156119	113.551	ug/l	88
30) Chloroform	5.086	83	83531	20.371	ug/l	99
31) Cyclohexane	5.385	56	74181	18.630	ug/l	91
32) 1,1,1-Trichloroethane	5.317	97	73076	20.539	ug/l	98
36) 1,1-Dichloropropene	5.527	75	57224	19.092	ug/l	99
37) Ethyl Acetate	4.803	43	85122	20.783	ug/l	96
38) Carbon Tetrachloride	5.523	117	60835	19.353	ug/l	99
39) Methylcyclohexane	6.764	83	64031	17.822	ug/l	91
40) Benzene	5.774	78	181643	20.072	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	45596	22.217	ug/l	88
42) 1,2-Dichloroethane	5.793	62	70135	20.824	ug/l	98
43) Isopropyl Acetate	5.912	43	126901	21.145	ug/l	96
44) Trichloroethene	6.543	130	43025	20.000	ug/l	86
45) 1,2-Dichloropropane	6.790	63	50786	20.254	ug/l	97
46) Dibromomethane	6.919	93	35016	20.945	ug/l	91
47) Bromodichloromethane	7.105	83	65955	20.498	ug/l	98
48) Methyl methacrylate	6.961	41	59267	21.073	ug/l	88
49) 1,4-Dioxane	6.967	88	34326	476.386	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	436058	108.568	ug/l	95
52) Toluene	7.970	92	108390	20.152	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	67674	19.607	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	74725	20.276	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	48164	21.658	ug/l	98
56) Ethyl methacrylate	8.333	69	79092	21.265	ug/l	92
57) 1,3-Dichloropropane	8.575	76	80840	20.493	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.462	63	40985	146.719	ug/l	97
59) 2-Hexanone	8.684	43	343664	108.806	ug/l	94
60) Dibromochloromethane	8.809	129	48893	21.143	ug/l	100
61) 1,2-Dibromoethane	8.922	107	51833	21.388	ug/l	99
64) Tetrachloroethene	8.552	164	34839	20.475	ug/l	96
65) Chlorobenzene	9.446	112	110846	20.438	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.533	131	44343	21.674	ug/l	96
67) Ethyl Benzene	9.571	91	202899	20.378	ug/l	99
68) m/p-Xylenes	9.694	106	152509	41.398	ug/l	92
69) o-Xylene	10.099	106	74586	20.394	ug/l	87
70) Styrene	10.115	104	122159	20.788	ug/l	95
71) Bromoform	10.288	173	37173	21.185	ug/l #	100
73) Isopropylbenzene	10.485	105	193652	21.665	ug/l	97
74) N-amyl acetate	10.321	43	100145	21.168	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.780	83	86357	22.807	ug/l	97
76) 1,2,3-Trichloropropane	10.822	75	93228	21.918	ug/l	99
77) Bromobenzene	10.784	156	46948	21.518	ug/l	84
78) n-propylbenzene	10.906	91	224051	20.628	ug/l	96
79) 2-Chlorotoluene	10.986	91	140262	20.961	ug/l	92
80) 1,3,5-Trimethylbenzene	11.089	105	165491	21.207	ug/l	96
81) trans-1,4-Dichloro-2-b...	10.546	75	22498	19.532	ug/l	91
82) 4-Chlorotoluene	11.095	91	156632	20.812	ug/l	93
83) tert-Butylbenzene	11.420	119	165010	21.499	ug/l	93
84) 1,2,4-Trimethylbenzene	11.468	105	165545	21.594	ug/l	93
85) sec-Butylbenzene	11.642	105	199487	20.672	ug/l	96
86) p-Isopropyltoluene	11.793	119	160837	20.610	ug/l	95
87) 1,3-Dichlorobenzene	11.745	146	84244	20.196	ug/l	96
88) 1,4-Dichlorobenzene	11.835	146	86219	20.565	ug/l	96
89) n-Butylbenzene	12.208	91	134570	18.628	ug/l	97
90) Hexachloroethane	12.475	117	29612	19.051	ug/l	84
91) 1,2-Dichlorobenzene	12.214	146	88340	21.077	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	22439	23.112	ug/l	78
93) 1,2,4-Trichlorobenzene	13.838	180	54819	20.560	ug/l	97
94) Hexachlorobutadiene	14.021	225	24239	18.644	ug/l	99
95) Naphthalene	14.086	128	212327	22.599	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	59107	21.137	ug/l	97

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

