

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049451.D
 Acq On : 28 Jun 2022 12:26
 Operator : SY/MD
 Sample : VU0628MBS01
 Misc : 5.00G/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS01

Quant Time: Jun 28 17:08:20 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	260262	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	454132	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	407925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	194196	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	192119	47.931	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.860%
35) Dibromofluoromethane	5.288	113	155450	48.926	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.860%
50) Toluene-d8	7.896	98	561881	49.582	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.160%
62) 4-Bromofluorobenzene	10.632	95	208084	47.934	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.860%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	71935	17.200	ug/l	99
3) Chloromethane	1.523	50	86691	16.415	ug/l	96
4) Vinyl Chloride	1.604	62	76099	18.073	ug/l	100
5) Bromomethane	1.851	94	32739	25.006	ug/l	99
6) Chloroethane	1.928	64	44604	23.999	ug/l	94
7) Trichlorofluoromethane	2.137	101	93387	17.403	ug/l	96
8) Diethyl Ether	2.375	74	39141	20.192	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.578	101	56174	19.456	ug/l	97
10) Methyl Iodide	2.723	142	75008	29.977	ug/l	94
11) Tert butyl alcohol	3.192	59	119070	126.919	ug/l	# 53
12) 1,1-Dichloroethene	2.581	96	56418	19.958	ug/l	91
13) Acrolein	2.488	56	49606	78.079	ug/l	99
14) Allyl chloride	2.922	41	113128	19.802	ug/l	# 87
15) Acrylonitrile	3.314	53	239800	106.279	ug/l	99
16) Acetone	2.629	43	193690	95.824	ug/l	99
17) Carbon Disulfide	2.790	76	160578	18.215	ug/l	100
18) Methyl Acetate	2.948	43	107616	19.668	ug/l	92
19) Methyl tert-butyl Ether	3.362	73	217290	20.668	ug/l	99
20) Methylene Chloride	3.044	84	75863	22.132	ug/l	93
21) trans-1,2-Dichloroethene	3.353	96	59735	19.603	ug/l	90
22) Diisopropyl ether	3.993	45	222693	20.416	ug/l	# 78
23) Vinyl Acetate	3.954	43	988308	103.375	ug/l	95
24) 1,1-Dichloroethane	3.870	63	123373	19.691	ug/l	97
25) 2-Butanone	4.703	43	318271	105.067	ug/l	94
26) 2,2-Dichloropropane	4.665	77	95685	18.349	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	74543	21.172	ug/l	93
28) Bromochloromethane	4.973	49	55159	20.141	ug/l	# 79
29) Tetrahydrofuran	5.050	42	216338	104.105	ug/l	88
30) Chloroform	5.089	83	121202	19.556	ug/l	100
31) Cyclohexane	5.388	56	111893	18.592	ug/l	94
32) 1,1,1-Trichloroethane	5.317	97	103411	19.230	ug/l	97
36) 1,1-Dichloropropene	5.526	75	85100	18.472	ug/l	97
37) Ethyl Acetate	4.803	43	118868	18.882	ug/l	# 92
38) Carbon Tetrachloride	5.526	117	86795	17.964	ug/l	98
39) Methylcyclohexane	6.761	83	102871	18.629	ug/l	92
40) Benzene	5.774	78	267187	19.210	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	63452	20.115	ug/l #	87
42) 1,2-Dichloroethane	5.796	62	94725	18.298	ug/l	98
43) Isopropyl Acetate	5.912	43	177684	19.263	ug/l	98
44) Trichloroethene	6.542	130	62375	18.865	ug/l	86
45) 1,2-Dichloropropane	6.790	63	73105	18.969	ug/l	100
46) Dibromomethane	6.919	93	49604	19.305	ug/l	92
47) Bromodichloromethane	7.105	83	91641	18.530	ug/l	99
48) Methyl methacrylate	6.957	41	85439	19.765	ug/l	86
49) 1,4-Dioxane	6.983	88	50733	458.088	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	600427	97.261	ug/l	97
52) Toluene	7.970	92	163075	19.726	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	100809	19.002	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	110521	19.512	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	69623	20.369	ug/l	98
56) Ethyl methacrylate	8.333	69	117107	20.485	ug/l	92
57) 1,3-Dichloropropane	8.574	76	118221	19.498	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	51527	122.313	ug/l	96
59) 2-Hexanone	8.684	43	462603	95.291	ug/l	96
60) Dibromochloromethane	8.809	129	70036	19.704	ug/l	98
61) 1,2-Dibromoethane	8.925	107	72727	19.525	ug/l	97
64) Tetrachloroethene	8.552	164	50242	19.203	ug/l	93
65) Chlorobenzene	9.446	112	164595	19.737	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	63139	20.070	ug/l	97
67) Ethyl Benzene	9.571	91	305634	19.963	ug/l	97
68) m/p-Xylenes	9.693	106	228327	40.306	ug/l	91
69) o-Xylene	10.098	106	114503	20.361	ug/l	89
70) Styrene	10.115	104	184398	20.407	ug/l	96
71) Bromoform	10.288	173	51712	19.165	ug/l #	100
73) Isopropylbenzene	10.484	105	294155	21.264	ug/l	97
74) N-amyl acetate	10.320	43	153274	20.934	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.780	83	117571	20.063	ug/l	98
76) 1,2,3-Trichloropropane	10.822	75	131495	19.975	ug/l	98
77) Bromobenzene	10.780	156	70598	20.907	ug/l	86
78) n-propylbenzene	10.906	91	341031	20.288	ug/l	96
79) 2-Chlorotoluene	10.986	91	212148	20.485	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	250676	20.756	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.545	75	34081	19.118	ug/l	91
82) 4-Chlorotoluene	11.095	91	233046	20.008	ug/l	94
83) tert-Butylbenzene	11.420	119	245897	20.701	ug/l	94
84) 1,2,4-Trimethylbenzene	11.465	105	249145	20.999	ug/l	95
85) sec-Butylbenzene	11.642	105	302296	20.241	ug/l	96
86) p-Isopropyltoluene	11.793	119	248192	20.549	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	125720	19.474	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	127433	19.639	ug/l	97
89) n-Butylbenzene	12.208	91	213302	19.078	ug/l	98
90) Hexachloroethane	12.475	117	42011	17.463	ug/l	86
91) 1,2-Dichlorobenzene	12.211	146	131736	20.309	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.995	75	29151	19.400	ug/l	85
93) 1,2,4-Trichlorobenzene	13.838	180	85158	20.630	ug/l	97
94) Hexachlorobutadiene	14.021	225	36253	18.017	ug/l	99
95) Naphthalene	14.085	128	326351	22.456	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	89130	20.624	ug/l	98

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

