

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060122\
 Data File : VU048781.D
 Acq On : 01 Jun 2022 14:55
 Operator : SY/MD
 Sample : VU0601MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0601MBS01

Quant Time: Jun 02 05:03:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	254908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	436280	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	407863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	216869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	201155	52.545	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.100%			
35) Dibromofluoromethane	5.288	113	157718	50.672	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.340%			
50) Toluene-d8	7.896	98	557421	49.960	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.920%			
62) 4-Bromofluorobenzene	10.632	95	217701	51.593	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	48716	16.694	ug/l	99
3) Chloromethane	1.523	50	63286	16.847	ug/l	100
4) Vinyl Chloride	1.604	62	61944	17.804	ug/l #	82
5) Bromomethane	1.851	94	23929	8.716	ug/l	99
6) Chloroethane	1.932	64	42802	20.966	ug/l	96
7) Trichlorofluoromethane	2.137	101	84568	17.019	ug/l	99
8) Diethyl Ether	2.375	74	38654	21.080	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.581	101	50046	18.399	ug/l	97
10) Methyl Iodide	2.723	142	58064	16.512	ug/l	95
11) Tert butyl alcohol	3.173	59	103974	107.128	ug/l #	42
12) 1,1-Dichloroethene	2.581	96	49217	18.970	ug/l	97
13) Acrolein	2.485	56	15652	45.183	ug/l	94
14) Allyl chloride	2.925	41	101835	20.265	ug/l	96
15) Acrylonitrile	3.311	53	248780	118.187	ug/l	98
16) Acetone	2.623	43	205509	105.337	ug/l	100
17) Carbon Disulfide	2.793	76	129646	17.118	ug/l	100
18) Methyl Acetate	2.948	43	115391	23.557	ug/l	99
19) Methyl tert-butyl Ether	3.362	73	215469	21.888	ug/l	99
20) Methylene Chloride	3.044	84	68829	20.746	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	56080	18.897	ug/l	90
22) Diisopropyl ether	3.989	45	218487	23.571	ug/l	89
23) Vinyl Acetate	3.954	43	941969	117.292	ug/l	100
24) 1,1-Dichloroethane	3.870	63	119030	20.446	ug/l	99
25) 2-Butanone	4.697	43	332957	118.797	ug/l	98
26) 2,2-Dichloropropane	4.665	77	89296	17.097	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	71015	20.673	ug/l	96
28) Bromochloromethane	4.973	49	53421	23.395	ug/l	99
29) Tetrahydrofuran	5.047	42	215099	121.840	ug/l	99
30) Chloroform	5.089	83	124770	21.420	ug/l	98
31) Cyclohexane	5.388	56	94711	19.631	ug/l	96
32) 1,1,1-Trichloroethane	5.317	97	96815	18.320	ug/l	98
36) 1,1-Dichloropropene	5.526	75	79318	17.461	ug/l	99
37) Ethyl Acetate	4.803	43	124135	21.616	ug/l	99
38) Carbon Tetrachloride	5.526	117	84260	16.168	ug/l	98
39) Methylcyclohexane	6.764	83	86070	18.070	ug/l	99
40) Benzene	5.774	78	256959	19.160	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	63635	21.928	ug/l	98
42) 1,2-Dichloroethane	5.793	62	97143	18.504	ug/l	98
43) Isopropyl Acetate	5.909	43	175876	21.101	ug/l	100
44) Trichloroethene	6.542	130	62886	18.201	ug/l	96
45) 1,2-Dichloropropane	6.790	63	73652	21.814	ug/l	96
46) Dibromomethane	6.919	93	51660	20.480	ug/l	99
47) Bromodichloromethane	7.105	83	98500	19.309	ug/l	99
48) Methyl methacrylate	6.957	41	83137	22.218	ug/l	98
49) 1,4-Dioxane	6.960	88	35341	422.507	ug/l	98
51) 4-Methyl-2-Pentanone	7.790	43	633479	117.047	ug/l	99
52) Toluene	7.970	92	157128	19.587	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	107279	19.496	ug/l	97
54) cis-1,3-Dichloropropene	7.607	75	114983	20.165	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	72390	20.447	ug/l	99
56) Ethyl methacrylate	8.333	69	114766	22.055	ug/l	98
57) 1,3-Dichloropropane	8.574	76	124530	20.899	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	97431	97.612	ug/l	98
59) 2-Hexanone	8.681	43	492793	110.908	ug/l	99
60) Dibromochloromethane	8.809	129	75993	19.149	ug/l	100
61) 1,2-Dibromoethane	8.925	107	77364	19.842	ug/l	98
64) Tetrachloroethene	8.552	164	51595	17.497	ug/l	95
65) Chlorobenzene	9.446	112	172456	19.992	ug/l	95
66) 1,1,1,2-Tetrachloroethane	9.533	131	66595	20.338	ug/l	97
67) Ethyl Benzene	9.571	91	293513	20.174	ug/l	99
68) m/p-Xylenes	9.693	106	229345	40.304	ug/l	99
69) o-Xylene	10.098	106	111177	19.887	ug/l	97
70) Styrene	10.115	104	192078	20.888	ug/l	99
71) Bromoform	10.291	173	58806	19.424	ug/l #	96
73) Isopropylbenzene	10.484	105	292062	20.860	ug/l	100
74) N-amyl acetate	10.320	43	144234	21.811	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.780	83	131686	23.048	ug/l	98
76) 1,2,3-Trichloropropane	10.822	75	128350	18.356	ug/l	99
77) Bromobenzene	10.780	156	78016	20.748	ug/l	99
78) n-propylbenzene	10.906	91	346856	20.791	ug/l	99
79) 2-Chlorotoluene	10.986	91	215027	20.726	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	254344	20.890	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.545	75	21480	11.154	ug/l	94
82) 4-Chlorotoluene	11.095	91	253157	21.149	ug/l	99
83) tert-Butylbenzene	11.420	119	247795	21.205	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	255653	20.207	ug/l	100
85) sec-Butylbenzene	11.642	105	307481	21.032	ug/l	99
86) p-Isopropyltoluene	11.793	119	259977	20.708	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	145525	19.740	ug/l	98
88) 1,4-Dichlorobenzene	11.835	146	147205	19.327	ug/l	98
89) n-Butylbenzene	12.208	91	228138	19.546	ug/l	99
90) Hexachloroethane	12.475	117	40545	15.824	ug/l	97
91) 1,2-Dichlorobenzene	12.211	146	148677	19.963	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.995	75	32779	19.925	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	94830	19.404	ug/l	98
94) Hexachlorobutadiene	14.021	225	38087	16.259	ug/l	98
95) Naphthalene	14.085	128	342780	21.596	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	95237	19.675	ug/l	100

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

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