

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
 Data File : VU048958.D
 Acq On : 08 Jun 2022 12:57
 Operator : SY/MD
 Sample : VU0608MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0608MBS01

Quant Time: Jun 08 16:20:34 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	167674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	280058	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	253189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	138920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	119186	47.331	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.660%		
35) Dibromofluoromethane	5.289	113	90227	45.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.320%		
50) Toluene-d8	7.896	98	292886	40.894	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	81.780%#		
62) 4-Bromofluorobenzene	10.632	95	117910	43.531	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	33838	17.629	ug/l	99
3) Chloromethane	1.520	50	47084	19.055	ug/l	98
4) Vinyl Chloride	1.604	62	42428	18.539	ug/l	98
5) Bromomethane	1.829	94	24466	16.233	ug/l	99
6) Chloroethane	1.916	64	25819	19.011	ug/l	96
7) Trichlorofluoromethane	2.128	101	61673	18.868	ug/l	97
8) Diethyl Ether	2.372	74	25016	20.740	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.575	101	34422	19.239	ug/l	98
10) Methyl Iodide	2.716	142	50875	20.997	ug/l	98
11) Tert butyl alcohol	3.186	59	90934	142.436	ug/l #	40
12) 1,1-Dichloroethene	2.575	96	32930	19.296	ug/l	98
13) Acrolein	2.482	56	15740	71.362	ug/l	93
14) Allyl chloride	2.919	41	69015	20.879	ug/l	96
15) Acrylonitrile	3.311	53	164409	118.740	ug/l	98
16) Acetone	2.623	43	140427	109.426	ug/l	98
17) Carbon Disulfide	2.787	76	74197	14.893	ug/l	100
18) Methyl Acetate	2.945	43	83646	25.960	ug/l	99
19) Methyl tert-butyl Ether	3.359	73	143395	22.145	ug/l	100
20) Methylene Chloride	3.041	84	44852	20.553	ug/l	95
21) trans-1,2-Dichloroethene	3.350	96	35645	18.260	ug/l	97
22) Diisopropyl ether	3.990	45	142187	23.320	ug/l	96
23) Vinyl Acetate	3.951	43	596641	112.943	ug/l	99
24) 1,1-Dichloroethane	3.864	63	82113	21.443	ug/l	98
25) 2-Butanone	4.700	43	223777	121.381	ug/l	99
26) 2,2-Dichloropropane	4.662	77	70811	20.612	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	45918	20.322	ug/l	100
28) Bromochloromethane	4.970	49	33556	22.341	ug/l	98
29) Tetrahydrofuran	5.047	42	140037	120.590	ug/l	98
30) Chloroform	5.086	83	85650	22.354	ug/l	100
31) Cyclohexane	5.385	56	58102	18.309	ug/l	98
32) 1,1,1-Trichloroethane	5.314	97	70642	20.322	ug/l	98
36) 1,1-Dichloropropene	5.526	75	52356	17.954	ug/l	99
37) Ethyl Acetate	4.803	43	78733	21.358	ug/l	98
38) Carbon Tetrachloride	5.523	117	60501	18.084	ug/l	92
39) Methylcyclohexane	6.761	83	54854	17.940	ug/l	97
40) Benzene	5.771	78	167684	19.478	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	43260	23.222	ug/l	98
42) 1,2-Dichloroethane	5.793	62	69807	20.714	ug/l	100
43) Isopropyl Acetate	5.909	43	113724	21.255	ug/l	99
44) Trichloroethene	6.543	130	40849	18.417	ug/l	99
45) 1,2-Dichloropropane	6.790	63	48725	22.482	ug/l	98
46) Dibromomethane	6.919	93	33772	20.857	ug/l	98
47) Bromodichloromethane	7.105	83	67274	20.545	ug/l	95
48) Methyl methacrylate	6.957	41	52658	21.923	ug/l	98
49) 1,4-Dioxane	6.964	88	32126	598.313	ug/l	94
51) 4-Methyl-2-Pentanone	7.790	43	434078	124.943	ug/l	99
52) Toluene	7.970	92	99752	19.371	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	67193	19.022	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	73722	20.141	ug/l	100
55) 1,1,2-Trichloroethane	8.401	97	47409	20.861	ug/l	97
56) Ethyl methacrylate	8.333	69	69496	20.953	ug/l	98
57) 1,3-Dichloropropane	8.575	76	82129	21.472	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.462	63	58313	93.022	ug/l	99
59) 2-Hexanone	8.684	43	350967	123.051	ug/l	99
60) Dibromochloromethane	8.809	129	52190	20.487	ug/l	98
61) 1,2-Dibromoethane	8.922	107	48997	19.576	ug/l	99
64) Tetrachloroethene	8.552	164	32359	17.689	ug/l	95
65) Chlorobenzene	9.446	112	112582	21.024	ug/l	94
66) 1,1,1,2-Tetrachloroethane	9.533	131	46316	22.786	ug/l	98
67) Ethyl Benzene	9.571	91	184031	20.376	ug/l	98
68) m/p-Xylenes	9.694	106	143452	40.610	ug/l	99
69) o-Xylene	10.099	106	73246	21.106	ug/l	99
70) Styrene	10.115	104	119593	20.951	ug/l	99
71) Bromoform	10.292	173	42721	22.732	ug/l #	99
73) Isopropylbenzene	10.484	105	190329	21.222	ug/l	98
74) N-amyl acetate	10.320	43	95346	22.430	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.784	83	92129	25.172	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	102361	22.853	ug/l	96
77) Bromobenzene	10.784	156	49927	20.728	ug/l	98
78) n-propylbenzene	10.906	91	218678	20.462	ug/l	100
79) 2-Chlorotoluene	10.986	91	144719	21.776	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	172000	22.053	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.546	75	25587	20.741	ug/l	94
82) 4-Chlorotoluene	11.095	91	164223	21.417	ug/l	99
83) tert-Butylbenzene	11.420	119	175681	23.469	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	167152	20.601	ug/l	98
85) sec-Butylbenzene	11.642	105	205573	21.952	ug/l	100
86) p-Isopropyltoluene	11.793	119	174872	21.745	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	94275	19.963	ug/l	98
88) 1,4-Dichlorobenzene	11.835	146	94286	19.325	ug/l	99
89) n-Butylbenzene	12.208	91	129049	17.516	ug/l	98
90) Hexachloroethane	12.475	117	34433	20.980	ug/l	97
91) 1,2-Dichlorobenzene	12.211	146	98664	20.681	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	23428	22.232	ug/l	94
93) 1,2,4-Trichlorobenzene	13.841	180	49798	15.907	ug/l	94
94) Hexachlorobutadiene	14.021	225	30622	20.407	ug/l	98
95) Naphthalene	14.089	128	143867	15.023	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	51865	16.727	ug/l	99

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

