

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042947.D
 Acq On : 06 Apr 2021 12:23
 Operator : SY/MD
 Sample : VU0406MBS01
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0406MBS01

Manual Integrations
 APPROVED

SAM
 4/7/2021 5:20:49 PM

Quant Time: Apr 07 01:40:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	127277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	195686	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	187135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	103514	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	101030	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
35) Dibromofluoromethane	5.298	113	69771	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
50) Toluene-d8	7.906	98	243521	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
62) 4-Bromofluorobenzene	10.639	95	96028	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	26029	17.40	ug/l	99
3) Chloromethane	1.523	50	26205	16.18	ug/l	98
4) Vinyl Chloride	1.607	62	26101	17.71	ug/l	97
5) Bromomethane	1.861	94	19898	17.64	ug/l	100
6) Chloroethane	1.935	64	17482	14.40	ug/l	97
7) Trichlorofluoromethane	2.144	101	44139	17.18	ug/l	98
8) Diethyl Ether	2.382	74	14860	18.56	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.588	101	23839	19.36	ug/l	97
10) Methyl Iodide	2.729	142	26020	15.67	ug/l	99
11) Tert butyl alcohol	3.218	59	51400	118.49	ug/l	95
12) 1,1-Dichloroethene	2.588	96	21186	18.35	ug/l	94
13) Acrolein	2.494	56	14455	94.45	ug/l	99
14) Allyl chloride	2.929	41	50680	20.10	ug/l	98
15) Acrylonitrile	3.324	53	107127	107.67	ug/l	99
16) Acetone	2.639	43	113368	101.36	ug/l	99
17) Carbon Disulfide	2.800	76	54579	16.71	ug/l	99
18) Methyl Acetate	2.954	43	57728	24.84	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	92106	21.02	ug/l	99
20) Methylene Chloride	3.057	84	26625	18.23	ug/l	98
21) trans-1,2-Dichloroethene	3.363	96	24290	18.75	ug/l	94
22) Diisopropyl ether	4.002	45	104304	20.54	ug/l	97
23) Vinyl Acetate	3.964	43	473646	100.25	ug/l	99
24) 1,1-Dichloroethane	3.880	63	51564	19.48	ug/l	99
25) 2-Butanone	4.713	43	177146	107.28	ug/l	99
26) 2,2-Dichloropropane	4.671	77	45161	19.32	ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	28563	19.27	ug/l	97
28) Bromochloromethane	4.983	49	27362	20.71	ug/l	99
29) Tetrahydrofuran	5.060	42	112558	110.18	ug/l	100
30) Chloroform	5.099	83	53908	19.27	ug/l	99
31) Cyclohexane	5.398	56	47383	18.76	ug/l	95
32) 1,1,1-Trichloroethane	5.324	97	46680	18.80	ug/l	99
36) 1,1-Dichloropropene	5.533	75	36712	18.97	ug/l	100
37) Ethyl Acetate	4.809	43	62056	20.66	ug/l	99
38) Carbon Tetrachloride	5.533	117	40084	18.14	ug/l	94
39) Methylcyclohexane	6.771	83	40704	18.36	ug/l	98
40) Benzene	5.780	78	107875	18.63	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	33638	21.37	ug/l	99
42) 1,2-Dichloroethane	5.803	62	49691	20.02	ug/l	99
43) Isopropyl Acetate	5.919	43	93423	20.65	ug/l	99
44) Trichloroethene	6.549	130	28078	18.86	ug/l	94
45) 1,2-Dichloropropane	6.800	63	30366	19.72	ug/l	98
46) Dibromomethane	6.925	93	21908	19.97	ug/l	98
47) Bromodichloromethane	7.115	83	43896	19.69	ug/l	99
48) Methyl methacrylate	6.967	41	47471	21.74	ug/l	98
49) 1,4-Dioxane	6.993	88	17986	388.09	ug/l	95
51) 4-Methyl-2-Pentanone	7.800	43	336108	106.19	ug/l	99
52) Toluene	7.977	92	68259	19.28	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	47187	20.01	ug/l	96
54) cis-1,3-Dichloropropene	7.613	75	47385	19.20	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	28863	18.95	ug/l	95
56) Ethyl methacrylate	8.340	69	48250	20.73	ug/l	98
57) 1,3-Dichloropropane	8.584	76	50960	19.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	69955	110.58	ug/l	100
59) 2-Hexanone	8.694	43	272226	108.15	ug/l	100
60) Dibromochloromethane	8.819	129	34597	19.54	ug/l	94
61) 1,2-Dibromoethane	8.931	107	33415	19.29	ug/l	97
64) Tetrachloroethene	8.559	164	27739	18.36	ug/l	96
65) Chlorobenzene	9.452	112	73806	19.40	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	28933	19.11	ug/l	98
67) Ethyl Benzene	9.578	91	135778	19.90	ug/l	99
68) m/p-Xylenes	9.700	106	97830	38.90	ug/l	95
69) o-Xylene	10.108	106	49163	20.19	ug/l	100
70) Styrene	10.121	104	80815	19.65	ug/l	98
71) Bromoform	10.298	173	28537	19.88	ug/l #	98
73) Isopropylbenzene	10.491	105	134012	20.45	ug/l	99
74) N-amyl acetate	10.327	43	79379	21.47	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	53542	19.99	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	55515m	21.09	ug/l	
77) Bromobenzene	10.787	156	36012	19.97	ug/l	97
78) n-propylbenzene	10.912	91	159488	20.68	ug/l	100
79) 2-Chlorotoluene	10.992	91	94090	20.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	117084	20.60	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	17108	19.25	ug/l	96
82) 4-Chlorotoluene	11.102	91	113695	20.46	ug/l	99
83) tert-Butylbenzene	11.427	119	113881	20.56	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	119769	20.86	ug/l	98
85) sec-Butylbenzene	11.652	105	135765	21.09	ug/l	100
86) p-Isopropyltoluene	11.800	119	123889	21.03	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	63885	19.72	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	64919	19.51	ug/l	98
89) n-Butylbenzene	12.214	91	112835	20.30	ug/l	100
90) Hexachloroethane	12.484	117	20855	18.75	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	65671	19.91	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	15225	21.47	ug/l	99
93) 1,2,4-Trichlorobenzene	13.848	180	43716	20.79	ug/l	99
94) Hexachlorobutadiene	14.028	225	23281	18.93	ug/l	99
95) Naphthalene	14.095	128	137654	21.18	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	45517	21.39	ug/l	100

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

