

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
 Data File : VU042776.D
 Acq On : 25 Mar 2021 11:45
 Operator : SY/MD
 Sample : VU0325MBS01
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0325MBS01

Manual Integrations
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 3/30/2021 10:59:20 AM

Quant Time: Mar 26 02:03:40 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	5.385	168	112072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	175681	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	168256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	93696	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	89816	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
35) Dibromofluoromethane	5.298	113	64121	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	7.906	98	230042	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	10.642	95	87150	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.389	85	26025	19.76	ug/l	98
3) Chloromethane	1.524	50	27759	19.47	ug/l	98
4) Vinyl Chloride	1.607	62	25006	19.27	ug/l	95
5) Bromomethane	1.861	94	21180	23.11	ug/l	95
6) Chloroethane	1.938	64	19132	18.18	ug/l	99
7) Trichlorofluoromethane	2.144	101	44588	19.71	ug/l	97
8) Diethyl Ether	2.382	74	13883	19.69	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.588	101	21223	19.57	ug/l	100
10) Methyl Iodide	2.729	142	25650	17.54	ug/l	99
11) Tert butyl alcohol	3.228	59	41560	108.81	ug/l	99
12) 1,1-Dichloroethene	2.588	96	19818	19.50	ug/l	98
13) Acrolein	2.495	56	12984	96.44	ug/l	95
14) Allyl chloride	2.932	41	44590	20.08	ug/l	98
15) Acrylonitrile	3.327	53	87876	100.31	ug/l	99
16) Acetone	2.643	43	87934	87.61	ug/l	99
17) Carbon Disulfide	2.800	76	56083	19.50	ug/l	98
18) Methyl Acetate	2.958	43	42341	20.69	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	77914	20.20	ug/l	98
20) Methylene Chloride	3.054	84	24275	18.87	ug/l	97
21) trans-1,2-Dichloroethene	3.363	96	21879	19.18	ug/l	94
22) Diisopropyl ether	4.003	45	89508	20.02	ug/l	90
23) Vinyl Acetate	3.967	43	409070	98.33	ug/l	100
24) 1,1-Dichloroethane	3.880	63	45623	19.58	ug/l	97
25) 2-Butanone	4.716	43	140351	96.52	ug/l	99
26) 2,2-Dichloropropane	4.678	77	39169	19.03	ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	25959	19.88	ug/l	99
28) Bromochloromethane	4.986	49	24941	21.44	ug/l	100
29) Tetrahydrofuran	5.064	42	90160	100.23	ug/l	99
30) Chloroform	5.099	83	48428	19.66	ug/l	98
31) Cyclohexane	5.398	56	41720	18.76	ug/l	96
32) 1,1,1-Trichloroethane	5.327	97	42669	19.51	ug/l	99
36) 1,1-Dichloropropene	5.536	75	32993	18.99	ug/l	99
37) Ethyl Acetate	4.816	43	54887	20.35	ug/l	99
38) Carbon Tetrachloride	5.536	117	37321	18.82	ug/l	98
39) Methylcyclohexane	6.774	83	36962	18.57	ug/l	98
40) Benzene	5.784	78	96983	18.66	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.986	41	27539	19.49	ug/l	96
42) 1,2-Dichloroethane	5.803	62	42943	19.27	ug/l	99
43) Isopropyl Acetate	5.922	43	78011	19.21	ug/l	99
44) Trichloroethene	6.552	130	26108	19.54	ug/l	98
45) 1,2-Dichloropropane	6.800	63	26655	19.28	ug/l	100
46) Dibromomethane	6.929	93	19932	20.23	ug/l	98
47) Bromodichloromethane	7.115	83	37552	18.76	ug/l	96
48) Methyl methacrylate	6.967	41	38307	19.54	ug/l	99
49) 1,4-Dioxane	7.009	88	16970	409.78	ug/l #	92
51) 4-Methyl-2-Pentanone	7.803	43	274922	96.75	ug/l	100
52) Toluene	7.980	92	61535	19.36	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	40038	18.91	ug/l	98
54) cis-1,3-Dichloropropene	7.617	75	41203	18.59	ug/l	95
55) 1,1,2-Trichloroethane	8.411	97	25851	18.91	ug/l	97
56) Ethyl methacrylate	8.343	69	40113	19.20	ug/l	99
57) 1,3-Dichloropropane	8.584	76	44358	18.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	49727	93.08	ug/l	99
59) 2-Hexanone	8.697	43	222170	98.31	ug/l	99
60) Dibromochloromethane	8.819	129	29296	18.43	ug/l	99
61) 1,2-Dibromoethane	8.935	107	29298	18.84	ug/l	98
64) Tetrachloroethene	8.562	164	26326	19.38	ug/l	98
65) Chlorobenzene	9.456	112	65795	19.23	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.543	131	25807	18.96	ug/l	98
67) Ethyl Benzene	9.578	91	120369	19.62	ug/l	100
68) m/p-Xylenes	9.703	106	90774	40.14	ug/l	99
69) o-Xylene	10.108	106	42092	19.23	ug/l	96
70) Styrene	10.121	104	71771	19.41	ug/l	100
71) Bromoform	10.298	173	23832	18.46	ug/l #	99
73) Isopropylbenzene	10.494	105	118950	20.06	ug/l	99
74) N-amyl acetate	10.330	43	66866	19.98	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.793	83	46401	19.14	ug/l	99
76) 1,2,3-Trichloropropane	10.835	75	43997m	18.46	ug/l	
77) Bromobenzene	10.790	156	31971	19.59	ug/l	99
78) n-propylbenzene	10.916	91	142145	20.36	ug/l	99
79) 2-Chlorotoluene	10.996	91	84517	20.07	ug/l	100
80) 1,3,5-Trimethylbenzene	11.096	105	104947	20.40	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	13518	16.81	ug/l	90
82) 4-Chlorotoluene	11.105	91	102279	20.33	ug/l	98
83) tert-Butylbenzene	11.430	119	98446	19.64	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	106845	20.56	ug/l	98
85) sec-Butylbenzene	11.652	105	121346	20.83	ug/l	100
86) p-Isopropyltoluene	11.803	119	111819	20.97	ug/l	99
87) 1,3-Dichlorobenzene	11.755	146	57650	19.66	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	57743	19.17	ug/l	98
89) n-Butylbenzene	12.218	91	101316	20.14	ug/l	100
90) Hexachloroethane	12.485	117	19528	19.40	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	59402	19.90	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	11844	18.45	ug/l	95
93) 1,2,4-Trichlorobenzene	13.851	180	39224	20.61	ug/l	99
94) Hexachlorobutadiene	14.031	225	22100	19.85	ug/l	98
95) Naphthalene	14.095	128	108365	18.75	ug/l	99
96) 1,2,3-Trichlorobenzene	14.340	180	40029	20.78	ug/l	99

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

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