

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033121\
 Data File : VU042850.D
 Acq On : 31 Mar 2021 12:22
 Operator : SY/MD
 Sample : VU0331MBS01
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0331MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 12:46:22 PM

Quant Time: Apr 01 04:39:26 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	102442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	158657	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	154769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	89758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	76982	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
35) Dibromofluoromethane	5.298	113	55043	46.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.98%	
50) Toluene-d8	7.906	98	198560	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	10.642	95	76596	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	22226	18.46	ug/l	99
3) Chloromethane	1.524	50	22720	17.43	ug/l	95
4) Vinyl Chloride	1.607	62	22746	19.18	ug/l	100
5) Bromomethane	1.861	94	18978	22.49	ug/l	98
6) Chloroethane	1.938	64	15087	15.51	ug/l	99
7) Trichlorofluoromethane	2.144	101	39441	19.07	ug/l	97
8) Diethyl Ether	2.382	74	12502	19.40	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.588	101	18624	18.79	ug/l	98
10) Methyl Iodide	2.729	142	18150	13.58	ug/l	99
11) Tert butyl alcohol	3.215	59	30655	87.80	ug/l	98
12) 1,1-Dichloroethene	2.588	96	16692	17.96	ug/l	96
13) Acrolein	2.495	56	7337	57.97	ug/l	93
14) Allyl chloride	2.932	41	36941	18.20	ug/l	100
15) Acrylonitrile	3.324	53	76644	95.71	ug/l	99
16) Acetone	2.639	43	91015	101.06	ug/l	100
17) Carbon Disulfide	2.800	76	45515	17.31	ug/l	98
18) Methyl Acetate	2.958	43	39960	21.36	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	65902	18.69	ug/l	99
20) Methylene Chloride	3.054	84	21001	17.86	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	19499	18.71	ug/l	96
22) Diisopropyl ether	4.003	45	78381	19.18	ug/l	92
23) Vinyl Acetate	3.967	43	348366	91.61	ug/l	100
24) 1,1-Dichloroethane	3.880	63	38963	18.29	ug/l	99
25) 2-Butanone	4.713	43	129495	97.43	ug/l	98
26) 2,2-Dichloropropane	4.675	77	35191	18.70	ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	22150	18.56	ug/l	96
28) Bromochloromethane	4.986	49	21254	19.98	ug/l	# 100
29) Tetrahydrofuran	5.064	42	77298	94.01	ug/l	100
30) Chloroform	5.099	83	41251	18.32	ug/l	93
31) Cyclohexane	5.398	56	37142	18.27	ug/l	97
32) 1,1,1-Trichloroethane	5.327	97	36943	18.48	ug/l	99
36) 1,1-Dichloropropene	5.536	75	28971	18.46	ug/l	99
37) Ethyl Acetate	4.813	43	45184	18.55	ug/l	99
38) Carbon Tetrachloride	5.533	117	31782	17.74	ug/l	99
39) Methylcyclohexane	6.771	83	32841	18.27	ug/l	98
40) Benzene	5.784	78	84676	18.04	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	24598	19.28	ug/l	98
42) 1,2-Dichloroethane	5.806	62	38079	18.92	ug/l	99
43) Isopropyl Acetate	5.922	43	68173	18.59	ug/l	99
44) Trichloroethene	6.552	130	22357	18.52	ug/l	96
45) 1,2-Dichloropropane	6.800	63	24026	19.24	ug/l	98
46) Dibromomethane	6.928	93	16584	18.64	ug/l	98
47) Bromodichloromethane	7.115	83	32799	18.15	ug/l	95
48) Methyl methacrylate	6.967	41	34288	19.37	ug/l	97
49) 1,4-Dioxane	6.999	88	10657	273.49	ug/l #	95
51) 4-Methyl-2-Pentanone	7.800	43	243332	94.82	ug/l	99
52) Toluene	7.980	92	53739	18.72	ug/l	97
53) t-1,3-Dichloropropene	8.218	75	35555	18.59	ug/l	99
54) cis-1,3-Dichloropropene	7.617	75	36229	18.10	ug/l	98
55) 1,1,2-Trichloroethane	8.411	97	23149	18.75	ug/l	96
56) Ethyl methacrylate	8.343	69	34785	18.44	ug/l	99
57) 1,3-Dichloropropane	8.584	76	39190	18.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	36715	80.94	ug/l	100
59) 2-Hexanone	8.694	43	196786	96.42	ug/l	99
60) Dibromochloromethane	8.819	129	26651	18.56	ug/l	96
61) 1,2-Dibromoethane	8.935	107	25654	18.27	ug/l	96
64) Tetrachloroethene	8.562	164	23016	18.42	ug/l	92
65) Chlorobenzene	9.456	112	59103	18.78	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.543	131	23378	18.67	ug/l	98
67) Ethyl Benzene	9.578	91	106278	18.83	ug/l	98
68) m/p-Xylenes	9.703	106	79414	38.18	ug/l	99
69) o-Xylene	10.108	106	36505	18.13	ug/l	96
70) Styrene	10.121	104	64142	18.86	ug/l	99
71) Bromoform	10.298	173	20759	17.48	ug/l #	98
73) Isopropylbenzene	10.491	105	104234	18.35	ug/l	100
74) N-amyl acetate	10.330	43	57336	17.88	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	40610	17.49	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	41108m	18.01	ug/l	
77) Bromobenzene	10.790	156	28208	18.04	ug/l	99
78) n-propylbenzene	10.912	91	129036	19.30	ug/l	99
79) 2-Chlorotoluene	10.993	91	76231	18.89	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	92405	18.75	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	13084	16.98	ug/l	98
82) 4-Chlorotoluene	11.105	91	91306	18.95	ug/l	100
83) tert-Butylbenzene	11.430	119	87732	18.27	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	93113	18.71	ug/l	100
85) sec-Butylbenzene	11.652	105	106729	19.12	ug/l	100
86) p-Isopropyltoluene	11.803	119	98483	19.28	ug/l	98
87) 1,3-Dichlorobenzene	11.755	146	51427	18.31	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	54752	18.98	ug/l	98
89) n-Butylbenzene	12.218	91	91092	18.90	ug/l	99
90) Hexachloroethane	12.485	117	17043	17.67	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	52709	18.43	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	11397	18.53	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	36930	20.25	ug/l	100
94) Hexachlorobutadiene	14.031	225	20181	18.92	ug/l	99
95) Naphthalene	14.095	128	98591	17.94	ug/l	99
96) 1,2,3-Trichlorobenzene	14.340	180	35971	19.49	ug/l	99

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

