

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
 Data File : VU042791.D
 Acq On : 25 Mar 2021 17:31
 Operator : SY/MD
 Sample : VU0325MBSD01
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0325MBSD01

Manual Integrations
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apatel
 3/30/2021 10:59:24 AM

Quant Time: Mar 26 02:08:07 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	140702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	218617	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	206262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	116369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	111901	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
35) Dibromofluoromethane	5.298	113	78674	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	7.906	98	278449	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	10.639	95	112600	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	37186	22.49	ug/l	98
3) Chloromethane	1.523	50	38025	21.24	ug/l	100
4) Vinyl Chloride	1.607	62	35708	21.92	ug/l	99
5) Bromomethane	1.851	94	22459	18.19	ug/l	96
6) Chloroethane	1.932	64	21254	15.94	ug/l	100
7) Trichlorofluoromethane	2.141	101	52438	18.46	ug/l	99
8) Diethyl Ether	2.382	74	17826	20.14	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.588	101	26989	19.82	ug/l	99
10) Methyl Iodide	2.729	142	35611	19.40	ug/l	99
11) Tert butyl alcohol	3.182	59	52069	108.58	ug/l	97
12) 1,1-Dichloroethene	2.584	96	26016	20.39	ug/l	98
13) Acrolein	2.488	56	15721	92.85	ug/l	100
14) Allyl chloride	2.932	41	59508	21.34	ug/l	98
15) Acrylonitrile	3.317	53	116799	106.19	ug/l	99
16) Acetone	2.629	43	122768	99.00	ug/l	99
17) Carbon Disulfide	2.800	76	71820	19.89	ug/l	98
18) Methyl Acetate	2.951	43	57563	22.41	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	102688	21.20	ug/l	98
20) Methylene Chloride	3.054	84	32400	20.06	ug/l	95
21) trans-1,2-Dichloroethene	3.359	96	28908	20.19	ug/l	96
22) Diisopropyl ether	4.002	45	118227	21.06	ug/l	96
23) Vinyl Acetate	3.964	43	539603	103.31	ug/l	100
24) 1,1-Dichloroethane	3.880	63	58975	20.16	ug/l	99
25) 2-Butanone	4.706	43	181140	99.23	ug/l	99
26) 2,2-Dichloropropane	4.674	77	51048	19.75	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	33135	20.22	ug/l	98
28) Bromochloromethane	4.983	49	32070	21.95	ug/l	99
29) Tetrahydrofuran	5.057	42	114898	101.74	ug/l	99
30) Chloroform	5.099	83	57519	18.60	ug/l	98
31) Cyclohexane	5.398	56	54156	19.39	ug/l	96
32) 1,1,1-Trichloroethane	5.327	97	52331	19.06	ug/l	98
36) 1,1-Dichloropropene	5.536	75	42175	19.50	ug/l	100
37) Ethyl Acetate	4.809	43	67741	20.18	ug/l	99
38) Carbon Tetrachloride	5.533	117	45144	18.29	ug/l	99
39) Methylcyclohexane	6.771	83	46523	18.78	ug/l	100
40) Benzene	5.784	78	121183	18.73	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	35584	20.24	ug/l	99
42) 1,2-Dichloroethane	5.803	62	53957	19.45	ug/l	99
43) Isopropyl Acetate	5.919	43	99173	19.62	ug/l	100
44) Trichloroethene	6.552	130	31229	18.78	ug/l	100
45) 1,2-Dichloropropane	6.800	63	33452	19.44	ug/l	95
46) Dibromomethane	6.928	93	24017	19.59	ug/l	97
47) Bromodichloromethane	7.115	83	46082	18.50	ug/l	98
48) Methyl methacrylate	6.967	41	50272	20.61	ug/l	99
49) 1,4-Dioxane	6.970	88	19639	378.45	ug/l #	92
51) 4-Methyl-2-Pentanone	7.796	43	344818	97.52	ug/l	99
52) Toluene	7.976	92	76256	19.28	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	49984	18.97	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	51856	18.81	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	32153	18.90	ug/l	97
56) Ethyl methacrylate	8.340	69	51974	19.99	ug/l	99
57) 1,3-Dichloropropane	8.584	76	55389	18.97	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	87864	121.03	ug/l	100
59) 2-Hexanone	8.690	43	277850	98.80	ug/l	99
60) Dibromochloromethane	8.816	129	36745	18.57	ug/l	96
61) 1,2-Dibromoethane	8.931	107	35859	18.53	ug/l	98
64) Tetrachloroethene	8.562	164	27770	16.68	ug/l	98
65) Chlorobenzene	9.452	112	81061	19.33	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	31287	18.75	ug/l	97
67) Ethyl Benzene	9.578	91	150845	20.05	ug/l	100
68) m/p-Xylenes	9.700	106	113772	41.04	ug/l	100
69) o-Xylene	10.108	106	53484	19.93	ug/l	96
70) Styrene	10.121	104	89630	19.78	ug/l	99
71) Bromoform	10.298	173	29852	18.86	ug/l #	100
73) Isopropylbenzene	10.491	105	149640	20.32	ug/l	100
74) N-amyl acetate	10.327	43	84873	20.42	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	58233	19.34	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	54844m	18.53	ug/l	
77) Bromobenzene	10.790	156	39880	19.67	ug/l	98
78) n-propylbenzene	10.912	91	174980	20.18	ug/l	100
79) 2-Chlorotoluene	10.992	91	106214	20.30	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	131363	20.56	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	18171	18.19	ug/l	93
82) 4-Chlorotoluene	11.102	91	126278	20.21	ug/l	99
83) tert-Butylbenzene	11.430	119	128692	20.67	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	135025	20.92	ug/l	100
85) sec-Butylbenzene	11.651	105	149202	20.62	ug/l	99
86) p-Isopropyltoluene	11.799	119	140205	21.17	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	70398	19.33	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	73666	19.70	ug/l	99
89) n-Butylbenzene	12.217	91	125671	20.11	ug/l	98
90) Hexachloroethane	12.484	117	22969	18.37	ug/l	95
91) 1,2-Dichlorobenzene	12.221	146	72997	19.69	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	16226	20.35	ug/l	99
93) 1,2,4-Trichlorobenzene	13.848	180	46423	19.64	ug/l	98
94) Hexachlorobutadiene	14.028	225	25210	18.23	ug/l	99
95) Naphthalene	14.095	128	148838	20.47	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	45624	19.07	ug/l	97

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

