

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043087.D
 Acq On : 14 Apr 2021 12:27
 Operator : SY/MD
 Sample : VU0414MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0414MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/15/2021 5:36:49 PM

Quant Time: Apr 15 02:01:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	116075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	179259	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	170249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	92275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	95100	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
35) Dibromofluoromethane	5.298	113	63910	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	7.906	98	230843	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	10.639	95	88109	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	21670	18.09	ug/l	98
3) Chloromethane	1.523	50	24347	18.31	ug/l	96
4) Vinyl Chloride	1.607	62	22624	17.33	ug/l	96
5) Bromomethane	1.858	94	15741	22.12	ug/l	95
6) Chloroethane	1.932	64	19233	21.33	ug/l	97
7) Trichlorofluoromethane	2.141	101	40781	18.38	ug/l	98
8) Diethyl Ether	2.382	74	14101	19.84	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	22091	19.35	ug/l	97
10) Methyl Iodide	2.729	142	22602	15.02	ug/l	96
11) Tert butyl alcohol	3.221	59	41252m	82.03	ug/l	
12) 1,1-Dichloroethene	2.584	96	20564	18.92	ug/l	94
13) Acrolein	2.494	56	26143	90.34	ug/l	99
14) Allyl chloride	2.928	41	46997	17.82	ug/l	97
15) Acrylonitrile	3.324	53	95871	88.62	ug/l	100
16) Acetone	2.639	43	93499	81.21	ug/l	100
17) Carbon Disulfide	2.800	76	56277	16.84	ug/l	99
18) Methyl Acetate	2.957	43	45743	18.75	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	84659	19.72	ug/l	94
20) Methylene Chloride	3.054	84	25031	18.06	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	22615	17.82	ug/l	95
22) Diisopropyl ether	4.002	45	95284	18.89	ug/l	97
23) Vinyl Acetate	3.964	43	458714	93.97	ug/l	99
24) 1,1-Dichloroethane	3.877	63	46266	18.14	ug/l	100
25) 2-Butanone	4.716	43	151002	85.19	ug/l	100
26) 2,2-Dichloropropane	4.674	77	41700	18.64	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	27010	18.70	ug/l	98
28) Bromochloromethane	4.986	49	24083	18.51	ug/l	94
29) Tetrahydrofuran	5.063	42	97126	87.02	ug/l	97
30) Chloroform	5.096	83	49077	18.17	ug/l	90
31) Cyclohexane	5.395	56	45423	18.87	ug/l	94
32) 1,1,1-Trichloroethane	5.324	97	44351	18.57	ug/l	96
36) 1,1-Dichloropropene	5.536	75	34168	17.97	ug/l	100
37) Ethyl Acetate	4.813	43	58791	18.08	ug/l	98
38) Carbon Tetrachloride	5.533	117	37392	18.34	ug/l	98
39) Methylcyclohexane	6.771	83	37282	17.83	ug/l	97
40) Benzene	5.784	78	100293	18.46	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	30335	17.74	ug/l	96
42) 1,2-Dichloroethane	5.803	62	46678	19.37	ug/l	99
43) Isopropyl Acetate	5.922	43	86334	18.62	ug/l	97
44) Trichloroethene	6.552	130	25150	18.25	ug/l	98
45) 1,2-Dichloropropane	6.800	63	27714	18.31	ug/l	99
46) Dibromomethane	6.925	93	20404	19.06	ug/l	96
47) Bromodichloromethane	7.115	83	39636	18.75	ug/l	98
48) Methyl methacrylate	6.970	41	42530	18.27	ug/l	96
49) 1,4-Dioxane	7.002	88	15569	333.76	ug/l #	94
51) 4-Methyl-2-Pentanone	7.803	43	301961	88.01	ug/l	99
52) Toluene	7.976	92	64384	19.11	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	42361	18.05	ug/l	97
54) cis-1,3-Dichloropropene	7.616	75	43735	18.35	ug/l	95
55) 1,1,2-Trichloroethane	8.407	97	27019	18.70	ug/l	96
56) Ethyl methacrylate	8.343	69	44351	18.74	ug/l	96
57) 1,3-Dichloropropane	8.584	76	46849	18.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	77141	83.41	ug/l	100
59) 2-Hexanone	8.697	43	239697	84.84	ug/l	100
60) Dibromochloromethane	8.819	129	30580	18.30	ug/l	99
61) 1,2-Dibromoethane	8.931	107	30032	18.42	ug/l	99
64) Tetrachloroethene	8.562	164	23289	18.85	ug/l	96
65) Chlorobenzene	9.455	112	67516	18.49	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	26944	19.30	ug/l	98
67) Ethyl Benzene	9.578	91	125202	19.00	ug/l	99
68) m/p-Xylenes	9.703	106	93393	38.31	ug/l	99
69) o-Xylene	10.108	106	45328	19.05	ug/l	99
70) Styrene	10.121	104	73048	18.23	ug/l	100
71) Bromoform	10.298	173	24251	16.86	ug/l #	98
73) Isopropylbenzene	10.491	105	123880	20.00	ug/l	100
74) N-amyl acetate	10.330	43	76015	19.10	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.793	83	48893	18.13	ug/l	98
76) 1,2,3-Trichloropropane	10.835	75	49386m	18.32	ug/l	
77) Bromobenzene	10.790	156	33036	19.15	ug/l	99
78) n-propylbenzene	10.912	91	145716	19.65	ug/l	99
79) 2-Chlorotoluene	10.992	91	88041	19.54	ug/l	97
80) 1,3,5-Trimethylbenzene	11.095	105	106565	19.49	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	15158	16.52	ug/l	86
82) 4-Chlorotoluene	11.105	91	101562	18.76	ug/l	99
83) tert-Butylbenzene	11.426	119	101088	18.81	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	106364	18.93	ug/l	99
85) sec-Butylbenzene	11.652	105	121058	19.22	ug/l	98
86) p-Isopropyltoluene	11.799	119	109221	18.84	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	57400	18.35	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	58244	17.85	ug/l	99
89) n-Butylbenzene	12.217	91	99326	18.29	ug/l	98
90) Hexachloroethane	12.481	117	19027	17.50	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	58445	18.29	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	13282	17.40	ug/l	95
93) 1,2,4-Trichlorobenzene	13.848	180	37283	18.62	ug/l	99
94) Hexachlorobutadiene	14.028	225	19819	18.40	ug/l	98
95) Naphthalene	14.095	128	112302	18.64	ug/l	99
96) 1,2,3-Trichlorobenzene	14.339	180	35812	18.43	ug/l	100

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

