

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102221\
 Data File : VU045358.D
 Acq On : 22 Oct 2021 12:31
 Operator : SY/MD
 Sample : VU1022MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 10:26:44 AM

Quant Time: Oct 22 15:10:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	200178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	363306	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	341900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	156692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	178308	53.510	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.020%	
35) Dibromofluoromethane	5.292	113	130123	56.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.560%	
50) Toluene-d8	7.902	98	499703	55.182	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 110.360%	
62) 4-Bromofluorobenzene	10.639	95	188435	50.403	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	56016	22.598	ug/l	99
3) Chloromethane	1.517	50	68526	21.342	ug/l	99
4) Vinyl Chloride	1.604	62	68182	21.267	ug/l	98
5) Bromomethane	1.848	94	26163	20.804	ug/l	99
6) Chloroethane	1.916	64	17166	6.970	ug/l	96
7) Trichlorofluoromethane	2.115	101	78012	18.426	ug/l	99
8) Diethyl Ether	2.375	74	36930	19.033	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.568	101	48557	20.166	ug/l	98
10) Methyl Iodide	2.713	142	59156	23.018	ug/l	95
11) Tert butyl alcohol	3.375	59	88756m	92.806	ug/l	
12) 1,1-Dichloroethene	2.568	96	47991	20.221	ug/l	92
13) Acrolein	2.494	56	12572	69.703	ug/l	96
14) Allyl chloride	2.919	41	88706	20.196	ug/l	95
15) Acrylonitrile	3.324	53	193472	100.309	ug/l	99
16) Acetone	2.642	43	181889	91.959	ug/l	98
17) Carbon Disulfide	2.784	76	133055	18.991	ug/l	99
18) Methyl Acetate	2.954	43	125844	21.769	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	180805	19.735	ug/l	96
20) Methylene Chloride	3.041	84	59627	20.014	ug/l	95
21) trans-1,2-Dichloroethene	3.350	96	51290	19.755	ug/l	96
22) Diisopropyl ether	3.999	45	184544	20.580	ug/l	95
23) Vinyl Acetate	3.957	43	693902	95.145	ug/l	98
24) 1,1-Dichloroethane	3.867	63	103888	20.181	ug/l	99
25) 2-Butanone	4.716	43	247722	88.151	ug/l	98
26) 2,2-Dichloropropane	4.665	77	84292	19.368	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	60622	19.770	ug/l	97
28) Bromochloromethane	4.977	49	46804	21.937	ug/l	95
29) Tetrahydrofuran	5.060	42	165944	99.199	ug/l	96
30) Chloroform	5.092	83	101677	19.597	ug/l	99
31) Cyclohexane	5.388	56	103037	20.356	ug/l	96
32) 1,1,1-Trichloroethane	5.317	97	82071	19.171	ug/l	98
36) 1,1-Dichloropropene	5.526	75	73748	19.411	ug/l	99
37) Ethyl Acetate	4.809	43	113969	22.671	ug/l	98
38) Carbon Tetrachloride	5.523	117	64868	19.731	ug/l	99
39) Methylcyclohexane	6.764	83	92680	19.871	ug/l	98
40) Benzene	5.774	78	227464	20.102	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	47399	18.316	ug/l	92
42) 1,2-Dichloroethane	5.796	62	82861	18.631	ug/l	99
43) Isopropyl Acetate	5.919	43	142566	18.851	ug/l	97
44) Trichloroethene	6.546	130	50534	18.941	ug/l	97
45) 1,2-Dichloropropane	6.793	63	60035	20.011	ug/l	98
46) Dibromomethane	6.922	93	38419	19.010	ug/l	97
47) Bromodichloromethane	7.112	83	75917	19.347	ug/l	98
48) Methyl methacrylate	6.967	41	66481	18.060	ug/l	93
49) 1,4-Dioxane	7.018	88	35648	354.361	ug/l #	80
51) 4-Methyl-2-Pentanone	7.812	43	490969	89.173	ug/l	97
52) Toluene	7.973	92	137991	19.484	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	84557	18.843	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	93196	19.939	ug/l	94
55) 1,1,2-Trichloroethane	8.407	97	58072	19.680	ug/l	99
56) Ethyl methacrylate	8.343	69	94059	17.639	ug/l	95
57) 1,3-Dichloropropane	8.581	76	100753	19.131	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	151616	97.417	ug/l	99
59) 2-Hexanone	8.703	43	387417	86.409	ug/l	97
60) Dibromochloromethane	8.816	129	52471	18.216	ug/l	100
61) 1,2-Dibromoethane	8.928	107	59620	19.007	ug/l	99
64) Tetrachloroethene	8.558	164	41945	18.797	ug/l	98
65) Chlorobenzene	9.452	112	139073	19.401	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	48766	19.486	ug/l	98
67) Ethyl Benzene	9.574	91	253097	19.188	ug/l	99
68) m/p-Xylenes	9.700	106	193360	37.732	ug/l	97
69) o-Xylene	10.105	106	96810	19.035	ug/l	99
70) Styrene	10.121	104	160847	18.851	ug/l	100
71) Bromoform	10.301	173	37329	16.329	ug/l #	99
73) Isopropylbenzene	10.491	105	249453	21.378	ug/l	100
74) N-amyl acetate	10.330	43	119626	20.360	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.793	83	99869	19.781	ug/l	100
76) 1,2,3-Trichloropropane	10.835	75	98534m	21.559	ug/l	
77) Bromobenzene	10.790	156	56060	19.896	ug/l	96
78) n-propylbenzene	10.912	91	298573	20.997	ug/l	99
79) 2-Chlorotoluene	10.992	91	182643	20.491	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	214835	21.016	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	31233	18.965	ug/l	96
82) 4-Chlorotoluene	11.102	91	205930	20.440	ug/l	100
83) tert-Butylbenzene	11.426	119	203520	20.469	ug/l	100
84) 1,2,4-Trimethylbenzene	11.471	105	211566	20.920	ug/l	100
85) sec-Butylbenzene	11.648	105	265830	20.761	ug/l	100
86) p-Isopropyltoluene	11.799	119	214337	20.810	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	105376	19.529	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	105842	19.175	ug/l	98
89) n-Butylbenzene	12.214	91	192548	20.297	ug/l	99
90) Hexachloroethane	12.481	117	38660	20.786	ug/l	99
91) 1,2-Dichlorobenzene	12.217	146	106289	19.270	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	22965	19.278	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	62440	20.313	ug/l	99
94) Hexachlorobutadiene	14.024	225	26977	21.023	ug/l	99
95) Naphthalene	14.089	128	232258	20.089	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	65768	21.304	ug/l	99

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

