

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049407.D
 Acq On : 27 Jun 2022 16:42
 Operator : SY/MD
 Sample : VU0627MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 27 19:05:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 14:37:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	150509	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	272496	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	253923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	122492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	137418	59.285	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.560%#			
35) Dibromofluoromethane	5.289	113	101999	53.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.000%			
50) Toluene-d8	7.899	98	354171	52.085	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.180%			
62) 4-Bromofluorobenzene	10.632	95	133093	51.096	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	44805	18.525	ug/l	95
3) Chloromethane	1.520	50	67784	22.480	ug/l	96
4) Vinyl Chloride	1.604	62	49101	20.165	ug/l	98
5) Bromomethane	1.848	94	15856	20.942	ug/l	99
6) Chloroethane	1.919	64	26942	24.982	ug/l	100
7) Trichlorofluoromethane	2.131	101	58239	18.767	ug/l	98
8) Diethyl Ether	2.375	74	25503	22.751	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.575	101	32265	19.324	ug/l	94
10) Methyl Iodide	2.719	142	31024	23.579	ug/l	92
11) Tert butyl alcohol	3.192	59	79329m	146.219	ug/l	
12) 1,1-Dichloroethene	2.575	96	31074	19.009	ug/l	88
13) Acrolein	2.485	56	36302	98.805	ug/l	97
14) Allyl chloride	2.919	41	71986	21.789	ug/l #	86
15) Acrylonitrile	3.314	53	158853	121.742	ug/l	98
16) Acetone	2.629	43	130027	111.237	ug/l	97
17) Carbon Disulfide	2.787	76	93645	18.369	ug/l	98
18) Methyl Acetate	2.951	43	73685	23.286	ug/l	91
19) Methyl tert-butyl Ether	3.363	73	137887	22.679	ug/l	95
20) Methylene Chloride	3.041	84	49453	25.044	ug/l	88
21) trans-1,2-Dichloroethene	3.350	96	37107	21.057	ug/l	88
22) Diisopropyl ether	3.993	45	149005	23.622	ug/l #	77
23) Vinyl Acetate	3.954	43	649614	117.496	ug/l #	93
24) 1,1-Dichloroethane	3.867	63	79743	22.008	ug/l	96
25) 2-Butanone	4.707	43	212789	121.469	ug/l	91
26) 2,2-Dichloropropane	4.662	77	57278	18.994	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	47325	23.243	ug/l	91
28) Bromochloromethane	4.973	49	41558	26.240	ug/l #	72
29) Tetrahydrofuran	5.054	42	141315	117.591	ug/l	87
30) Chloroform	5.089	83	80905	22.573	ug/l	100
31) Cyclohexane	5.388	56	63067	18.120	ug/l	92
32) 1,1,1-Trichloroethane	5.314	97	62842	20.208	ug/l	98
36) 1,1-Dichloropropene	5.526	75	50900	18.413	ug/l	96
37) Ethyl Acetate	4.806	43	80374	21.278	ug/l #	96
38) Carbon Tetrachloride	5.523	117	52893	18.245	ug/l	98
39) Methylcyclohexane	6.761	83	58046	17.518	ug/l	90
40) Benzene	5.774	78	172470	20.665	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	41881	22.127	ug/l	90
42) 1,2-Dichloroethane	5.793	62	66806	21.507	ug/l	97
43) Isopropyl Acetate	5.912	43	119165	21.530	ug/l	94
44) Trichloroethene	6.542	130	39760	20.040	ug/l	94
45) 1,2-Dichloropropane	6.793	63	49025	21.200	ug/l	97
46) Dibromomethane	6.919	93	33638	21.817	ug/l	88
47) Bromodichloromethane	7.105	83	61623	20.765	ug/l	97
48) Methyl methacrylate	6.960	41	56664	21.845	ug/l	86
49) 1,4-Dioxane	6.986	88	30195	454.376	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	399078	107.735	ug/l	94
52) Toluene	7.970	92	102487	20.661	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	64856	20.374	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	72636	21.371	ug/l	94
55) 1,1,2-Trichloroethane	8.401	97	45600	22.234	ug/l	98
56) Ethyl methacrylate	8.333	69	72726	21.201	ug/l	89
57) 1,3-Dichloropropane	8.575	76	78832	21.668	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	17122	73.380	ug/l	99
59) 2-Hexanone	8.687	43	308800	106.009	ug/l	92
60) Dibromochloromethane	8.809	129	45860	21.503	ug/l	98
61) 1,2-Dibromoethane	8.925	107	48185	21.559	ug/l	100
64) Tetrachloroethene	8.555	164	30072	18.464	ug/l	95
65) Chlorobenzene	9.446	112	106025	20.424	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	41865	21.378	ug/l	97
67) Ethyl Benzene	9.571	91	186682	19.589	ug/l	96
68) m/p-Xylenes	9.693	106	140814	39.934	ug/l	91
69) o-Xylene	10.102	106	70901	20.254	ug/l	88
70) Styrene	10.115	104	115873	20.601	ug/l	95
71) Bromoform	10.292	173	34309	20.427	ug/l #	97
73) Isopropylbenzene	10.484	105	173326	19.864	ug/l	95
74) N-amyl acetate	10.320	43	95008	20.572	ug/l	92
75) 1,1,2,2-Tetrachloroethane	10.783	83	79913	21.620	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	67556m	16.269	ug/l	
77) Bromobenzene	10.780	156	44034	20.674	ug/l	82
78) n-propylbenzene	10.906	91	201460	19.000	ug/l	95
79) 2-Chlorotoluene	10.986	91	132709	20.315	ug/l	91
80) 1,3,5-Trimethylbenzene	11.089	105	151147	19.841	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.546	75	21778	19.368	ug/l	90
82) 4-Chlorotoluene	11.095	91	147637	20.095	ug/l	94
83) tert-Butylbenzene	11.420	119	146817	19.595	ug/l	93
84) 1,2,4-Trimethylbenzene	11.468	105	148117	19.792	ug/l	96
85) sec-Butylbenzene	11.642	105	173101	18.375	ug/l	96
86) p-Isopropyltoluene	11.793	119	139365	18.294	ug/l	95
87) 1,3-Dichlorobenzene	11.745	146	79925	19.628	ug/l	97
88) 1,4-Dichlorobenzene	11.838	146	79230	19.358	ug/l	96
89) n-Butylbenzene	12.208	91	110767	15.707	ug/l	98
90) Hexachloroethane	12.475	117	28616	18.859	ug/l	79
91) 1,2-Dichlorobenzene	12.214	146	83907	20.508	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.996	75	19554	20.631	ug/l	79
93) 1,2,4-Trichlorobenzene	13.841	180	47935	18.599	ug/l	95
94) Hexachlorobutadiene	14.021	225	20986	16.535	ug/l	99
95) Naphthalene	14.086	128	174468	19.297	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	52905	19.478	ug/l	96

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

