

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045605.D
 Acq On : 08 Nov 2021 11:19
 Operator : SY/MD
 Sample : VU1108MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1108MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2021
 Supervised By : Mahesh Dadoda 11/15/2021

Quant Time: Nov 08 14:58:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	124520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	222417	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	214591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	108945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	101101	54.215	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.420%			
35) Dibromofluoromethane	5.292	113	76675	51.634	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.260%			
50) Toluene-d8	7.902	98	292602	52.990	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.980%			
62) 4-Bromofluorobenzene	10.635	95	113128	51.092	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	34589	21.424	ug/l	98
3) Chloromethane	1.523	50	38074	20.611	ug/l	99
4) Vinyl Chloride	1.604	62	37489	20.834	ug/l	99
5) Bromomethane	1.854	94	23783	23.696	ug/l	98
6) Chloroethane	1.935	64	23539	20.045	ug/l	99
7) Trichlorofluoromethane	2.141	101	50370	21.168	ug/l	99
8) Diethyl Ether	2.379	74	20188	21.433	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	29409	21.166	ug/l	97
10) Methyl Iodide	2.726	142	32444	17.843	ug/l	93
11) Tert butyl alcohol	3.173	59	39835	107.922	ug/l	99
12) 1,1-Dichloroethene	2.581	96	27103	19.784	ug/l	99
13) Acrolein	2.485	56	4914	91.870	ug/l	96
14) Allyl chloride	2.925	41	51558	21.077	ug/l	98
15) Acrylonitrile	3.314	53	108275	109.870	ug/l	97
16) Acetone	2.623	43	104825	110.425	ug/l	99
17) Carbon Disulfide	2.797	76	75953	19.794	ug/l	99
18) Methyl Acetate	2.948	43	69455	21.481	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	105441	21.382	ug/l	99
20) Methylene Chloride	3.051	84	33805	20.494	ug/l	97
21) trans-1,2-Dichloroethene	3.356	96	30205	21.193	ug/l	94
22) Diisopropyl ether	3.996	45	105743	22.016	ug/l	94
23) Vinyl Acetate	3.957	43	407831	110.402	ug/l	99
24) 1,1-Dichloroethane	3.874	63	61064	21.335	ug/l	98
25) 2-Butanone	4.703	43	147549	112.066	ug/l	99
26) 2,2-Dichloropropane	4.671	77	49089	20.698	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	36304	21.688	ug/l	99
28) Bromochloromethane	4.977	49	29327	21.493	ug/l	99
29) Tetrahydrofuran	5.050	42	88821	110.287	ug/l	99
30) Chloroform	5.092	83	60589	21.405	ug/l	98
31) Cyclohexane	5.391	56	56644	20.817	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	52321	21.675	ug/l	98
36) 1,1-Dichloropropene	5.530	75	44402	20.474	ug/l	99
37) Ethyl Acetate	4.806	43	52797	21.193	ug/l	99
38) Carbon Tetrachloride	5.530	117	43616	19.948	ug/l	98
39) Methylcyclohexane	6.767	83	53889	20.254	ug/l	96
40) Benzene	5.777	78	131002	20.403	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	28963	21.999	ug/l	98
42) 1,2-Dichloroethane	5.796	62	49178	21.204	ug/l	99
43) Isopropyl Acetate	5.912	43	80592	21.150	ug/l	100
44) Trichloroethene	6.546	130	31191	20.294	ug/l	98
45) 1,2-Dichloropropane	6.796	63	36141	21.272	ug/l	98
46) Dibromomethane	6.922	93	24848	21.108	ug/l	99
47) Bromodichloromethane	7.108	83	47571	21.298	ug/l	97
48) Methyl methacrylate	6.964	41	37729	21.512	ug/l	98
49) 1,4-Dioxane	6.964	88	19372	429.507	ug/l #	96
51) 4-Methyl-2-Pentanone	7.793	43	267089	106.257	ug/l	98
52) Toluene	7.973	92	83824	21.324	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	53014	20.652	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	56769	20.820	ug/l	97
55) 1,1,2-Trichloroethane	8.404	97	34007	20.873	ug/l	99
56) Ethyl methacrylate	8.337	69	52500	19.519	ug/l	99
57) 1,3-Dichloropropane	8.578	76	62336	21.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	145570	97.054	ug/l	99
59) 2-Hexanone	8.684	43	207199	99.414	ug/l	98
60) Dibromochloromethane	8.812	129	35983	21.211	ug/l	99
61) 1,2-Dibromoethane	8.928	107	36200	20.717	ug/l	100
64) Tetrachloroethene	8.555	164	25307	20.547	ug/l	98
65) Chlorobenzene	9.449	112	86821	20.598	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	31858	21.192	ug/l	96
67) Ethyl Benzene	9.574	91	157916	20.920	ug/l	99
68) m/p-Xylenes	9.697	106	120626	42.372	ug/l	100
69) o-Xylene	10.102	106	58241	21.043	ug/l	97
70) Styrene	10.118	104	97803	20.888	ug/l	99
71) Bromoform	10.295	173	25612	19.976	ug/l #	99
73) Isopropylbenzene	10.488	105	153986	21.632	ug/l	100
74) N-amyl acetate	10.320	43	67791	21.110	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	58916	20.890	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	49381m	14.947	ug/l	
77) Bromobenzene	10.783	156	36356	21.036	ug/l	99
78) n-propylbenzene	10.909	91	190055	21.452	ug/l	100
79) 2-Chlorotoluene	10.989	91	111543	21.310	ug/l	97
80) 1,3,5-Trimethylbenzene	11.092	105	133547	21.473	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	18995	20.700	ug/l	99
82) 4-Chlorotoluene	11.098	91	130539	21.265	ug/l	99
83) tert-Butylbenzene	11.423	119	128058	21.600	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	134539	21.766	ug/l	99
85) sec-Butylbenzene	11.648	105	167687	21.327	ug/l	99
86) p-Isopropyltoluene	11.796	119	138401	21.064	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	70091	20.100	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	70957	20.119	ug/l	98
89) n-Butylbenzene	12.211	91	127638	20.166	ug/l	99
90) Hexachloroethane	12.478	117	24456	20.633	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	70317	20.726	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	13815	20.760	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	46647	19.885	ug/l	98
94) Hexachlorobutadiene	14.024	225	19225	18.986	ug/l	98
95) Naphthalene	14.089	128	168573	19.751	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	48775	20.934	ug/l	100

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

