

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045572.D
 Acq On : 05 Nov 2021 20:24
 Operator : SY/MD
 Sample : VU1105MBS01
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105MBS01

Quant Time: Nov 06 21:26:10 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

Manual Integrations APPROVED

Reviewed By : John Carlone 11/08/2021
 Supervised By : Mahesh Dadoda 11/08/2021

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	129195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	232391	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	225292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	113882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	103960	53.730	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.460%			
35) Dibromofluoromethane	5.292	113	78990	50.910	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.820%			
50) Toluene-d8	7.899	98	304390	52.759	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.520%			
62) 4-Bromofluorobenzene	10.635	95	117323	50.712	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	36544	21.816	ug/l	98
3) Chloromethane	1.523	50	40561	21.163	ug/l	98
4) Vinyl Chloride	1.604	62	40247	21.557	ug/l	98
5) Bromomethane	1.851	94	24731	23.749	ug/l	97
6) Chloroethane	1.932	64	24528	20.131	ug/l	99
7) Trichlorofluoromethane	2.141	101	52381	21.217	ug/l	98
8) Diethyl Ether	2.379	74	21314	21.810	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.581	101	30068	20.857	ug/l	97
10) Methyl Iodide	2.723	142	37735	20.002	ug/l	92
11) Tert butyl alcohol	3.176	59	44874	117.174	ug/l	98
12) 1,1-Dichloroethene	2.581	96	29864	21.011	ug/l	93
13) Acrolein	2.485	56	7903	142.404	ug/l	97
14) Allyl chloride	2.925	41	53653	21.140	ug/l	99
15) Acrylonitrile	3.314	53	112775	110.295	ug/l	99
16) Acetone	2.626	43	93487	94.917	ug/l	100
17) Carbon Disulfide	2.797	76	80501	20.220	ug/l	99
18) Methyl Acetate	2.948	43	75192	22.414	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	109839	21.468	ug/l	99
20) Methylene Chloride	3.051	84	36404	21.272	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	32620	22.060	ug/l	95
22) Diisopropyl ether	3.996	45	110100	22.094	ug/l	97
23) Vinyl Acetate	3.957	43	418915	109.299	ug/l	100
24) 1,1-Dichloroethane	3.874	63	65456	22.042	ug/l	99
25) 2-Butanone	4.703	43	146333	107.120	ug/l	100
26) 2,2-Dichloropropane	4.671	77	48273	19.617	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	38003	21.881	ug/l	99
28) Bromochloromethane	4.976	49	30604	21.617	ug/l	96
29) Tetrahydrofuran	5.050	42	94070	112.578	ug/l	99
30) Chloroform	5.092	83	64415	21.933	ug/l	100
31) Cyclohexane	5.391	56	59607	21.114	ug/l	93
32) 1,1,1-Trichloroethane	5.321	97	55006	21.963	ug/l	98
36) 1,1-Dichloropropene	5.530	75	46737	20.625	ug/l	99
37) Ethyl Acetate	4.806	43	56364	21.654	ug/l	99
38) Carbon Tetrachloride	5.530	117	47359	20.731	ug/l	96
39) Methylcyclohexane	6.767	83	56715	20.402	ug/l	99
40) Benzene	5.777	78	138989	20.718	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	29787	21.654	ug/l	97
42) 1,2-Dichloroethane	5.796	62	51525	21.263	ug/l	99
43) Isopropyl Acetate	5.912	43	83180	20.892	ug/l	99
44) Trichloroethene	6.546	130	33263	20.713	ug/l	99
45) 1,2-Dichloropropane	6.793	63	37963	21.386	ug/l	97
46) Dibromomethane	6.922	93	26063	21.190	ug/l	99
47) Bromodichloromethane	7.108	83	48475	20.771	ug/l	99
48) Methyl methacrylate	6.960	41	39288	21.440	ug/l	97
49) 1,4-Dioxane	6.964	88	21105	447.847	ug/l #	97
51) 4-Methyl-2-Pentanone	7.793	43	281374	107.136	ug/l	99
52) Toluene	7.973	92	88775	21.614	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	54351	20.264	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	58305	20.466	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	35834	21.051	ug/l	99
56) Ethyl methacrylate	8.336	69	55218	19.632	ug/l	99
57) 1,3-Dichloropropane	8.578	76	64406	21.007	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	149277	95.254	ug/l	99
59) 2-Hexanone	8.684	43	215905	99.165	ug/l	98
60) Dibromochloromethane	8.812	129	36165	20.403	ug/l	98
61) 1,2-Dibromoethane	8.925	107	38333	20.996	ug/l	100
64) Tetrachloroethene	8.555	164	27321	21.129	ug/l	97
65) Chlorobenzene	9.449	112	91404	20.655	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	32158	20.375	ug/l	98
67) Ethyl Benzene	9.571	91	166535	21.014	ug/l	99
68) m/p-Xylenes	9.697	106	127882	42.788	ug/l	99
69) o-Xylene	10.102	106	61542	21.180	ug/l	99
70) Styrene	10.115	104	103445	21.044	ug/l	99
71) Bromoform	10.295	173	26533	19.752	ug/l #	99
73) Isopropylbenzene	10.488	105	163900	22.027	ug/l	100
74) N-amyl acetate	10.320	43	70468	20.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	62659	21.254	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	60336m	17.471	ug/l	
77) Bromobenzene	10.783	156	39199	21.698	ug/l	97
78) n-propylbenzene	10.909	91	199396	21.531	ug/l	100
79) 2-Chlorotoluene	10.986	91	120372	22.000	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	141481	21.762	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	18867	19.818	ug/l	99
82) 4-Chlorotoluene	11.098	91	137633	21.449	ug/l	99
83) tert-Butylbenzene	11.423	119	132066	21.310	ug/l	100
84) 1,2,4-Trimethylbenzene	11.471	105	142696	22.084	ug/l	99
85) sec-Butylbenzene	11.645	105	176083	21.423	ug/l	99
86) p-Isopropyltoluene	11.796	119	146801	21.374	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	75878	20.816	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	75795	20.559	ug/l	98
89) n-Butylbenzene	12.211	91	136430	20.621	ug/l	99
90) Hexachloroethane	12.478	117	25644	20.697	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	74382	20.974	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	15150	21.779	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	49197	20.063	ug/l	97
94) Hexachlorobutadiene	14.024	225	20403	19.276	ug/l	99
95) Naphthalene	14.089	128	180897	20.248	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	51665	21.213	ug/l	98

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

