

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045573.D
 Acq On : 05 Nov 2021 20:47
 Operator : SY/MD
 Sample : VU1105MBS01
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2021
 Supervised By : Mahesh Dadoda 11/10/2021

Quant Time: Nov 06 21:26:47 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	126366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	228086	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	220483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	112214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	104067	54.990	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.980%			
35) Dibromofluoromethane	5.292	113	78356	51.455	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.900%			
50) Toluene-d8	7.899	98	299430	52.879	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.760%			
62) 4-Bromofluorobenzene	10.636	95	114880	50.593	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	35124	21.438	ug/l	97
3) Chloromethane	1.523	50	38890	20.745	ug/l	99
4) Vinyl Chloride	1.604	62	39301	21.522	ug/l	100
5) Bromomethane	1.851	94	25062	24.606	ug/l	96
6) Chloroethane	1.932	64	24395	20.470	ug/l	98
7) Trichlorofluoromethane	2.141	101	51589	21.364	ug/l	99
8) Diethyl Ether	2.379	74	20833	21.795	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	29692	21.058	ug/l	99
10) Methyl Iodide	2.726	142	36864	19.978	ug/l	91
11) Tert butyl alcohol	3.173	59	45489	121.439	ug/l	99
12) 1,1-Dichloroethene	2.581	96	28771	20.695	ug/l	99
13) Acrolein	2.485	56	8093	149.092	ug/l	95
14) Allyl chloride	2.925	41	52165	21.014	ug/l	99
15) Acrylonitrile	3.314	53	113944	113.933	ug/l	99
16) Acetone	2.623	43	93208	96.753	ug/l	97
17) Carbon Disulfide	2.797	76	78116	20.060	ug/l	99
18) Methyl Acetate	2.948	43	74986	22.853	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	111454	22.271	ug/l	100
20) Methylene Chloride	3.047	84	35566	21.247	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	31923	22.072	ug/l	94
22) Diisopropyl ether	3.996	45	110273	22.624	ug/l	97
23) Vinyl Acetate	3.957	43	418227	111.562	ug/l	100
24) 1,1-Dichloroethane	3.874	63	63229	21.769	ug/l	99
25) 2-Butanone	4.703	43	149189	111.656	ug/l	100
26) 2,2-Dichloropropane	4.671	77	47620	19.785	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	37340	21.981	ug/l	99
28) Bromochloromethane	4.977	49	31679	22.877	ug/l	99
29) Tetrahydrofuran	5.051	42	93909	114.902	ug/l	99
30) Chloroform	5.092	83	62754	21.846	ug/l	100
31) Cyclohexane	5.391	56	58672	21.248	ug/l	99
32) 1,1,1-Trichloroethane	5.317	97	53261	21.742	ug/l	98
36) 1,1-Dichloropropene	5.530	75	45957	20.664	ug/l	100
37) Ethyl Acetate	4.806	43	55490	21.720	ug/l	99
38) Carbon Tetrachloride	5.530	117	46108	20.564	ug/l	99
39) Methylcyclohexane	6.768	83	55005	20.160	ug/l	98
40) Benzene	5.777	78	136316	20.703	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	30310	22.450	ug/l	99
42) 1,2-Dichloroethane	5.796	62	51984	21.857	ug/l	100
43) Isopropyl Acetate	5.912	43	84691	21.673	ug/l	100
44) Trichloroethene	6.546	130	33086	20.992	ug/l	95
45) 1,2-Dichloropropane	6.793	63	37246	21.378	ug/l	99
46) Dibromomethane	6.922	93	25505	21.128	ug/l	98
47) Bromodichloromethane	7.108	83	48632	21.232	ug/l	97
48) Methyl methacrylate	6.960	41	38776	21.560	ug/l	97
49) 1,4-Dioxane	6.964	88	21446	463.672	ug/l #	98
51) 4-Methyl-2-Pentanone	7.793	43	285273	110.671	ug/l	98
52) Toluene	7.970	92	87445	21.692	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	54166	20.576	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	58259	20.836	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	35548	21.277	ug/l	99
56) Ethyl methacrylate	8.333	69	55929	20.183	ug/l	99
57) 1,3-Dichloropropane	8.578	76	64594	21.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	149733	97.348	ug/l	99
59) 2-Hexanone	8.684	43	217947	101.778	ug/l	98
60) Dibromochloromethane	8.812	129	36245	20.834	ug/l	99
61) 1,2-Dibromoethane	8.925	107	38153	21.292	ug/l	99
64) Tetrachloroethene	8.555	164	27083	21.401	ug/l	98
65) Chlorobenzene	9.449	112	89983	20.777	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	32011	20.724	ug/l	98
67) Ethyl Benzene	9.571	91	163556	21.088	ug/l	98
68) m/p-Xylenes	9.697	106	125572	42.931	ug/l	100
69) o-Xylene	10.102	106	60634	21.322	ug/l	99
70) Styrene	10.115	104	102501	21.306	ug/l	99
71) Bromoform	10.295	173	26760	20.261	ug/l #	99
73) Isopropylbenzene	10.488	105	161187	21.984	ug/l	100
74) N-amyl acetate	10.320	43	70573	21.337	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	61546	21.187	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	58222m	17.109	ug/l	
77) Bromobenzene	10.783	156	38160	21.436	ug/l	96
78) n-propylbenzene	10.909	91	194409	21.304	ug/l	100
79) 2-Chlorotoluene	10.986	91	116317	21.575	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	138312	21.591	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	18546	19.778	ug/l	97
82) 4-Chlorotoluene	11.099	91	135843	21.485	ug/l	99
83) tert-Butylbenzene	11.423	119	132551	21.706	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	138747	21.793	ug/l	100
85) sec-Butylbenzene	11.645	105	173336	21.403	ug/l	100
86) p-Isopropyltoluene	11.796	119	142764	21.095	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	73623	20.498	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	75886	20.890	ug/l	98
89) n-Butylbenzene	12.211	91	132565	20.334	ug/l	99
90) Hexachloroethane	12.478	117	25028	20.500	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	73845	21.132	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	14935	21.789	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	48694	20.153	ug/l	98
94) Hexachlorobutadiene	14.024	225	20108	19.280	ug/l	99
95) Naphthalene	14.089	128	180780	20.521	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	50737	21.141	ug/l	99

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

