

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045458.D
 Acq On : 29 Oct 2021 13:03
 Operator : SY/MD
 Sample : VU1029MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2021
 Supervised By : Mahesh Dadoda 11/01/2021

Quant Time: Oct 30 04:04:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	191206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	347975	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	331748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	163935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	161807	51.980	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.960%			
35) Dibromofluoromethane	5.295	113	115905	52.384	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.760%			
50) Toluene-d8	7.903	98	455655	52.517	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.040%			
62) 4-Bromofluorobenzene	10.636	95	173099	52.355	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	56689	20.464	ug/l	97
3) Chloromethane	1.520	50	75434	19.826	ug/l	99
4) Vinyl Chloride	1.607	62	65294	20.672	ug/l	100
5) Bromomethane	1.861	94	42560	22.196	ug/l	98
6) Chloroethane	1.935	64	41210	21.655	ug/l	100
7) Trichlorofluoromethane	2.141	101	75757	21.422	ug/l	100
8) Diethyl Ether	2.379	74	37053	22.599	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.584	101	47151	22.193	ug/l	100
10) Methyl Iodide	2.729	142	31345	21.783	ug/l	97
11) Tert butyl alcohol	3.224	59	78471	116.785	ug/l	100
12) 1,1-Dichloroethene	2.584	96	44217	20.241	ug/l	97
13) Acrolein	2.494	56	14269	94.882	ug/l	99
14) Allyl chloride	2.928	41	85663	21.356	ug/l	99
15) Acrylonitrile	3.321	53	183030	112.352	ug/l	99
16) Acetone	2.642	43	177429	125.550	ug/l	99
17) Carbon Disulfide	2.797	76	131654	20.709	ug/l	99
18) Methyl Acetate	2.954	43	117051	22.242	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	178010	22.148	ug/l	99
20) Methylene Chloride	3.051	84	57209	20.315	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	49776	21.145	ug/l	98
22) Diisopropyl ether	3.996	45	173865	22.165	ug/l	96
23) Vinyl Acetate	3.961	43	682303	112.136	ug/l	100
24) 1,1-Dichloroethane	3.874	63	97952	21.310	ug/l	99
25) 2-Butanone	4.713	43	255276	119.656	ug/l	100
26) 2,2-Dichloropropane	4.671	77	79053	22.200	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	58628	21.643	ug/l	98
28) Bromochloromethane	4.980	49	49067	21.641	ug/l	100
29) Tetrahydrofuran	5.060	42	156081	112.811	ug/l	100
30) Chloroform	5.092	83	95902	21.517	ug/l	100
31) Cyclohexane	5.391	56	96469	20.815	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	78485	21.457	ug/l	99
36) 1,1-Dichloropropene	5.533	75	72353	21.843	ug/l	99
37) Ethyl Acetate	4.809	43	91496	22.808	ug/l	99
38) Carbon Tetrachloride	5.530	117	62640	21.683	ug/l	97
39) Methylcyclohexane	6.768	83	89530	21.735	ug/l	99
40) Benzene	5.780	78	215698	21.632	ug/l	99

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41) Methacrylonitrile	4.977	41	48790	22.981	ug/l	98
42) 1,2-Dichloroethane	5.800	62	80907	22.093	ug/l	99
43) Isopropyl Acetate	5.916	43	136413	22.564	ug/l	100
44) Trichloroethene	6.546	130	49957	21.617	ug/l	97
45) 1,2-Dichloropropane	6.797	63	57594	21.948	ug/l	98
46) Dibromomethane	6.922	93	38901	22.767	ug/l	100
47) Bromodichloromethane	7.112	83	74036	22.017	ug/l	95
48) Methyl methacrylate	6.964	41	64051	22.352	ug/l	99
49) 1,4-Dioxane	7.012	88	33868	465.055	ug/l #	99
51) 4-Methyl-2-Pentanone	7.793	43	449899	115.137	ug/l	99
52) Toluene	7.973	92	132161	21.804	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	84327	22.002	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	91813	22.369	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	55535	22.430	ug/l	97
56) Ethyl methacrylate	8.337	69	88985	20.638	ug/l	99
57) 1,3-Dichloropropane	8.578	76	97190	22.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	240416	105.937	ug/l	99
59) 2-Hexanone	8.687	43	352528	116.442	ug/l	99
60) Dibromochloromethane	8.813	129	52582	22.129	ug/l	99
61) 1,2-Dibromoethane	8.928	107	58495	22.556	ug/l	98
64) Tetrachloroethene	8.555	164	40232	21.216	ug/l	98
65) Chlorobenzene	9.452	112	134544	21.390	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	45999	21.676	ug/l	99
67) Ethyl Benzene	9.575	91	250975	21.782	ug/l	99
68) m/p-Xylenes	9.697	106	190350	43.766	ug/l	98
69) o-Xylene	10.105	106	93457	22.037	ug/l	100
70) Styrene	10.118	104	156316	20.521	ug/l	100
71) Bromoform	10.295	173	37390	20.691	ug/l #	100
73) Isopropylbenzene	10.488	105	240836	21.787	ug/l	100
74) N-amyl acetate	10.324	43	111570	20.165	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.787	83	95138	21.685	ug/l	100
76) 1,2,3-Trichloropropane	10.829	75	91346m	20.913	ug/l	
77) Bromobenzene	10.787	156	56008	21.716	ug/l	98
78) n-propylbenzene	10.909	91	298783	22.295	ug/l	99
79) 2-Chlorotoluene	10.989	91	175296	21.731	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	207578	22.317	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	30080	20.916	ug/l	98
82) 4-Chlorotoluene	11.099	91	205016	22.350	ug/l	100
83) tert-Butylbenzene	11.423	119	194997	21.719	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	205877	22.090	ug/l	98
85) sec-Butylbenzene	11.648	105	260306	22.093	ug/l	100
86) p-Isopropyltoluene	11.796	119	214123	20.625	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	110227	21.651	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	110058	21.140	ug/l	98
89) n-Butylbenzene	12.211	91	207128	20.833	ug/l	100
90) Hexachloroethane	12.481	117	35581	21.158	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	107932	21.196	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	22929	21.759	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	73069	21.428	ug/l	98
94) Hexachlorobutadiene	14.025	225	28093	22.626	ug/l	99
95) Naphthalene	14.089	128	279769	20.810	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	75445	21.949	ug/l	99

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

