

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045473.D
 Acq On : 29 Oct 2021 18:49
 Operator : SY/MD
 Sample : VU1029MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 33 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 04:10:08 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	195796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	374797	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	349283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	168275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	167974	52.696	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.400%			
35) Dibromofluoromethane	5.292	113	122305	51.321	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.640%			
50) Toluene-d8	7.903	98	483092	51.694	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.380%			
62) 4-Bromofluorobenzene	10.636	95	182850	51.347	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	58195	20.514	ug/l	99
3) Chloromethane	1.520	50	77474	19.885	ug/l	98
4) Vinyl Chloride	1.604	62	69076	21.357	ug/l	99
5) Bromomethane	1.858	94	43777	22.296	ug/l	98
6) Chloroethane	1.935	64	41474	21.283	ug/l	99
7) Trichlorofluoromethane	2.141	101	76536	21.135	ug/l	100
8) Diethyl Ether	2.379	74	36234	21.581	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	46909	21.561	ug/l	99
10) Methyl Iodide	2.726	142	26207	19.503	ug/l	99
11) Tert butyl alcohol	3.208	59	76004	110.462	ug/l	100
12) 1,1-Dichloroethene	2.584	96	47160	21.082	ug/l	99
13) Acrolein	2.494	56	18545	120.425	ug/l	97
14) Allyl chloride	2.929	41	88206	21.474	ug/l	99
15) Acrylonitrile	3.321	53	177399	106.342	ug/l	99
16) Acetone	2.639	43	158194	109.315	ug/l	99
17) Carbon Disulfide	2.797	76	134976	20.734	ug/l	99
18) Methyl Acetate	2.954	43	115738	21.477	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	176936	21.498	ug/l	99
20) Methylene Chloride	3.051	84	60356	20.930	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	50904	21.117	ug/l	99
22) Diisopropyl ether	3.996	45	176922	22.026	ug/l	99
23) Vinyl Acetate	3.961	43	682647	109.563	ug/l	99
24) 1,1-Dichloroethane	3.874	63	100784	21.412	ug/l	99
25) 2-Butanone	4.707	43	239402	109.584	ug/l	99
26) 2,2-Dichloropropane	4.668	77	77866	21.354	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	58782	21.191	ug/l	97
28) Bromochloromethane	4.977	49	54576	23.507	ug/l	99
29) Tetrahydrofuran	5.057	42	153406	108.279	ug/l	99
30) Chloroform	5.092	83	98290	21.536	ug/l	99
31) Cyclohexane	5.391	56	98797	20.818	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	80946	21.611	ug/l	99
36) 1,1-Dichloropropene	5.530	75	74717	20.942	ug/l	100
37) Ethyl Acetate	4.806	43	89562	20.728	ug/l	100
38) Carbon Tetrachloride	5.530	117	63121	20.286	ug/l	99
39) Methylcyclohexane	6.768	83	92329	20.810	ug/l	99
40) Benzene	5.777	78	222738	20.740	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	49202	21.517	ug/l	97
42) 1,2-Dichloroethane	5.797	62	81275	20.605	ug/l	99
43) Isopropyl Acetate	5.912	43	135857	20.864	ug/l	100
44) Trichloroethene	6.546	130	51280	20.601	ug/l	99
45) 1,2-Dichloropropane	6.793	63	59309	20.984	ug/l	99
46) Dibromomethane	6.922	93	37913	20.601	ug/l	97
47) Bromodichloromethane	7.108	83	76093	21.009	ug/l	98
48) Methyl methacrylate	6.960	41	66066	21.405	ug/l	98
49) 1,4-Dioxane	6.999	88	32645	416.182	ug/l #	100
51) 4-Methyl-2-Pentanone	7.793	43	446842	106.171	ug/l	99
52) Toluene	7.973	92	139403	21.353	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	85573	20.730	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	92357	20.891	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	55748	20.905	ug/l	97
56) Ethyl methacrylate	8.337	69	91103	19.698	ug/l	99
57) 1,3-Dichloropropane	8.578	76	97877	20.677	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	239945	98.163	ug/l	99
59) 2-Hexanone	8.687	43	344466	105.636	ug/l	100
60) Dibromochloromethane	8.813	129	52369	20.462	ug/l	98
61) 1,2-Dibromoethane	8.925	107	58518	20.950	ug/l	98
64) Tetrachloroethene	8.555	164	41579	20.825	ug/l	98
65) Chlorobenzene	9.449	112	136504	20.612	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	46819	20.955	ug/l	99
67) Ethyl Benzene	9.575	91	255110	21.030	ug/l	100
68) m/p-Xylenes	9.697	106	194565	42.489	ug/l	99
69) o-Xylene	10.102	106	94097	21.074	ug/l	98
70) Styrene	10.118	104	159750	19.948	ug/l	99
71) Bromoform	10.295	173	36668	19.409	ug/l #	99
73) Isopropylbenzene	10.488	105	244872	21.581	ug/l	100
74) N-amyl acetate	10.320	43	116024	20.414	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	94414	20.965	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	91467m	20.401	ug/l	
77) Bromobenzene	10.783	156	56516	21.347	ug/l	97
78) n-propylbenzene	10.909	91	303290	22.047	ug/l	99
79) 2-Chlorotoluene	10.989	91	178670	21.578	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	209140	21.905	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	29344	20.013	ug/l	95
82) 4-Chlorotoluene	11.099	91	208232	22.115	ug/l	100
83) tert-Butylbenzene	11.423	119	196712	21.345	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	210160	21.968	ug/l	100
85) sec-Butylbenzene	11.645	105	262961	21.743	ug/l	100
86) p-Isopropyltoluene	11.796	119	214893	20.170	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	109290	20.913	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	110981	20.767	ug/l	99
89) n-Butylbenzene	12.211	91	205021	20.122	ug/l	100
90) Hexachloroethane	12.478	117	35508	20.570	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	109694	20.987	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	22061	20.396	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	72227	20.634	ug/l	100
94) Hexachlorobutadiene	14.025	225	25528	20.030	ug/l	98
95) Naphthalene	14.089	128	272768	19.771	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	74236	21.040	ug/l	99

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

