Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021821\
Data File : VU042346.D
Acq On : 18 Feb 2021 13:12
Operator : SY/MD
Sample : MDL05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 19 10:49:47 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 19 10:36:46 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL05

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.382	168	130269	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.257	114	202732	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.424	117	185575	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	89836	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.713	65	101126	51.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.38%				
35) Dibromofluoromethane	5.298	113	70032	48.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.88%				
50) Toluene-d8	7.906	98	247260	48.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.50%				
62) 4-Bromofluorobenzene	10.639	95	89072	44.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.385	85	461	0.29	ug/l		77
3) Chloromethane	1.524	50	817	0.51	ug/l		90
4) Vinyl Chloride	1.607	62	551	0.36	ug/l	#	79
5) Bromomethane	1.861	94	590	0.62	ug/l	#	78
6) Chloroethane	1.942	64	393	0.44	ug/l	#	42
7) Trichlorofluoromethane	2.144	101	1065	0.45	ug/l		87
8) Diethyl Ether	2.385	74	317	0.42	ug/l		92
9) 1,1,2-Trichlorotrifluo...	2.585	101	351	0.29	ug/l	#	77
10) Methyl Iodide	2.729	142	774	0.44	ug/l	#	78
11) Tert butyl alcohol	3.199	59	1859m	4.40	ug/l		
12) 1,1-Dichloroethene	2.588	96	455	0.38	ug/l		85
13) Acrolein	2.498	56	617	2.39	ug/l	#	80
14) Allyl chloride	2.932	41	1068	0.40	ug/l	#	90
15) Acrylonitrile	3.331	53	1914	1.88	ug/l	#	84
16) Acetone	2.646	43	2700	2.20	ug/l		100
17) Carbon Disulfide	2.800	76	1660	0.46	ug/l	#	74
18) Methyl Acetate	2.974	43	796	0.36	ug/l	#	55
19) Methyl tert-butyl Ether	3.372	73	1761	0.39	ug/l		94
20) Methylene Chloride	3.057	84	808	0.57	ug/l		87
21) trans-1,2-Dichloroethene	3.363	96	488	0.38	ug/l	#	71
22) Diisopropyl ether	4.003	45	1916	0.38	ug/l	#	78
23) Vinyl Acetate	3.967	43	9213	1.92	ug/l		99
24) 1,1-Dichloroethane	3.877	63	914	0.35	ug/l	#	84
25) 2-Butanone	4.726	43	3397	2.08	ug/l		92
26) 2,2-Dichloropropane	4.671	77	1160	0.49	ug/l	#	59
27) cis-1,2-Dichloroethene	4.671	96	555	0.37	ug/l		70
28) Bromochloromethane	4.980	49	591	0.44	ug/l	#	79
29) Tetrahydrofuran	5.080	42	2417	2.39	ug/l	#	78
30) Chloroform	5.096	83	1129	0.42	ug/l	#	60
31) Cyclohexane	5.382	56	3815	1.47	ug/l	#	27
32) 1,1,1-Trichloroethane	5.321	97	842	0.35	ug/l	#	50
36) 1,1-Dichloropropene	5.530	75	711	0.35	ug/l		96
37) Ethyl Acetate	4.822	43	1248m	0.40	ug/l		
38) Carbon Tetrachloride	5.533	117	665	0.31	ug/l	#	67
39) Methylcyclohexane	6.768	83	907	0.39	ug/l	#	84
40) Benzene	5.781	78	2310	0.41	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.993	41	542	0.34	ug/l	#	77
42) 1,2-Dichloroethane	5.806	62	1180	0.48	ug/l	#	79
43) Isopropyl Acetate	5.929	43	1763	0.38	ug/l	#	77
44) Trichloroethene	6.546	130	580	0.39	ug/l		85
45) 1,2-Dichloropropane	6.806	63	542	0.35	ug/l	#	43
46) Dibromomethane	6.935	93	393m	0.36	ug/l		
47) Bromodichloromethane	7.109	83	800	0.37	ug/l	#	84
48) Methyl methacrylate	6.970	41	774	0.34	ug/l		88
49) 1,4-Dioxane	7.025	88	124	2.85	ug/l	#	12
51) 4-Methyl-2-Pentanone	7.806	43	6109	1.97	ug/l		100
52) Toluene	7.977	92	1299	0.37	ug/l		87
53) t-1,3-Dichloropropene	8.218	75	779	0.33	ug/l		90
54) cis-1,3-Dichloropropene	7.620	75	818	0.33	ug/l		90
55) 1,1,2-Trichloroethane	8.408	97	556	0.39	ug/l	#	80
56) Ethyl methacrylate	8.343	69	940	0.38	ug/l		97
57) 1,3-Dichloropropane	8.588	76	881	0.35	ug/l		94
58) 2-Chloroethyl Vinyl ether	7.472	63	1207	1.45	ug/l		94
59) 2-Hexanone	8.700	43	4964	2.00	ug/l		93
60) Dibromochloromethane	8.819	129	498	0.30	ug/l		97
61) 1,2-Dibromoethane	8.935	107	548	0.33	ug/l		89
64) Tetrachloroethene	8.565	164	499	0.36	ug/l	#	77
65) Chlorobenzene	9.453	112	1571	0.42	ug/l		91
66) 1,1,1,2-Tetrachloroethane	9.543	131	444	0.31	ug/l	#	67
67) Ethyl Benzene	9.578	91	2484	0.37	ug/l		92
68) m/p-Xylenes	9.700	106	1820	0.74	ug/l		88
69) o-Xylene	10.105	106	996	0.41	ug/l		81
70) Styrene	10.125	104	1306	0.32	ug/l		92
71) Bromoform	10.305	173	390	0.29	ug/l	#	99
73) Isopropylbenzene	10.494	105	2506	0.42	ug/l		87
74) N-amyl acetate	10.337	43	1288	0.38	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	10.793	83	805	0.35	ug/l	#	96
76) 1,2,3-Trichloropropane	10.832	75	901m	0.41	ug/l		
77) Bromobenzene	10.787	156	565	0.35	ug/l		71
78) n-propylbenzene	10.912	91	2690	0.39	ug/l		98
79) 2-Chlorotoluene	10.989	91	1755	0.41	ug/l		99
80) 1,3,5-Trimethylbenzene	11.096	105	1824	0.35	ug/l		89
82) 4-Chlorotoluene	11.105	91	2104	0.43	ug/l		97
83) tert-Butylbenzene	11.430	119	2086	0.42	ug/l		90
84) 1,2,4-Trimethylbenzene	11.475	105	1862	0.36	ug/l		98
85) sec-Butylbenzene	11.652	105	2166	0.37	ug/l		99
86) p-Isopropyltoluene	11.800	119	2033	0.38	ug/l		88
87) 1,3-Dichlorobenzene	11.755	146	1331	0.48	ug/l		81
88) 1,4-Dichlorobenzene	11.845	146	1229m	0.43	ug/l		
89) n-Butylbenzene	12.218	91	1504	0.32	ug/l		93
90) Hexachloroethane	12.485	117	263	0.27	ug/l		76
91) 1,2-Dichlorobenzene	12.221	146	978	0.35	ug/l		81
92) 1,2-Dibromo-3-Chloropr...	13.009	75	244	0.39	ug/l	#	64
93) 1,2,4-Trichlorobenzene	13.851	180	583	0.33	ug/l	#	84
94) Hexachlorobutadiene	14.031	225	417	0.42	ug/l	#	63
95) Naphthalene	14.102	128	1471	0.29	ug/l	#	69
96) 1,2,3-Trichlorobenzene	14.343	180	599	0.35	ug/l	#	93

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

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

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