Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122218\
Data File : VU028911.D
Acq On : 22 Dec 2018 13:47
Operator : MD/SY
Sample : VU1222MBS01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1222MBS01

Manual Integrations APPROVED
MMDadoda
12/24/2018 11:48:44 AM

Quant Time: Dec 24 05:58:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.98	168	89111	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.88	114	145499	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.09	117	133604	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	63994	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.31	65	41240	30.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 60.66%				
35) Dibromofluoromethane	4.88	113	35489	38.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 77.52%				
50) Toluene-d8	7.57	98	133755	36.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 73.86%				
62) 4-Bromofluorobenzene	10.30	95	46376	34.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 68.52%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	11189	9.368	ug/l		97
3) Chloromethane	1.33	50	17994	8.194	ug/l		96
4) Vinyl Chloride	1.40	62	14644	9.241	ug/l		96
5) Bromomethane	1.61	94	8370	13.112	ug/l		98
6) Chloroethane	1.69	64	8459	9.429	ug/l		91
7) Trichlorofluoromethane	1.88	101	16339	9.800	ug/l		95
8) Diethyl Ether	2.10	74	7779	9.972	ug/l		81
9) 1,1,2-Trichlorotrifluoroet	2.28	101	10593	10.623	ug/l		97
10) Methyl Iodide	2.41	142	8809	11.259	ug/l		94
11) Tert butyl alcohol	2.83	59	14334	47.310	ug/l		98
12) 1,1-Dichloroethene	2.28	96	10889	10.975	ug/l		84
13) Acrolein	2.19	56	10723	44.396	ug/l		99
14) Allyl chloride	2.59	41	18226	7.765	ug/l	#	95
15) Acrylonitrile	2.94	53	37902	45.059	ug/l		99
16) Acetone	2.32	43	36512	41.145	ug/l		92
17) Carbon Disulfide	2.48	76	34896	9.763	ug/l		100
18) Methyl Acetate	2.62	43	21066	9.158	ug/l		95
19) Methyl tert-butyl Ether	3.00	73	35866	9.536	ug/l		96
20) Methylene Chloride	2.70	84	13522	10.337	ug/l		89
21) trans-1,2-Dichloroethene	2.98	96	11468	10.266	ug/l		88
22) Diisopropyl ether	3.57	45	38373	8.407	ug/l	#	96
23) Vinyl Acetate	3.52	43	150417	39.953	ug/l	#	94
24) 1,1-Dichloroethane	3.44	63	22379	9.367	ug/l		99
25) 2-Butanone	4.26	43	49379	40.718	ug/l	#	90
26) 2,2-Dichloropropane	4.22	77	17336	9.157	ug/l		97
27) cis-1,2-Dichloroethene	4.22	96	12827	10.145	ug/l		91
28) Bromochloromethane	4.55	49	11825	10.887	ug/l		85
29) Tetrahydrofuran	4.64	42	31947	41.018	ug/l		91
30) Chloroform	4.67	83	20969	10.070	ug/l		95
31) Cyclohexane	4.99	56	21785	8.346	ug/l	#	85
32) 1,1,1-Trichloroethane	4.91	97	16285	9.416	ug/l		96
36) 1,1-Dichloropropene	5.13	75	15527	9.752	ug/l		96
37) Ethyl Acetate	4.38	43	17620	8.561	ug/l		98
38) Carbon Tetrachloride	5.13	117	13039	10.161	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	6.41	83	19372	9.973 ug/l		93
40) Benzene	5.39	78	50335	10.734 ug/l		99
41) Methacrylonitrile	4.54	41	9496	8.425 ug/l	#	91
42) 1,2-Dichloroethane	5.40	62	16200	9.869 ug/l		100
43) Isopropyl Acetate	5.55	43	26980	8.288 ug/l		95
44) Trichloroethene	6.19	130	11528	11.056 ug/l		93
45) 1,2-Dichloropropane	6.43	63	13707	10.395 ug/l		97
46) Dibromomethane	6.56	93	8225	10.512 ug/l		92
47) Bromodichloromethane	6.76	83	16109	10.580 ug/l		99
48) Methyl methacrylate	6.62	41	13459	8.313 ug/l		89
49) 1,4-Dioxane	6.62	88	6303	246.569 ug/l	#	89
51) 4-Methyl-2-Pentanone	7.46	43	88034	42.875 ug/l		95
52) Toluene	7.64	92	29498	10.689 ug/l		100
53) t-1,3-Dichloropropene	7.88	75	17438	9.617 ug/l		100
54) cis-1,3-Dichloropropene	7.27	75	19887	10.109 ug/l		91
55) 1,1,2-Trichloroethane	8.07	97	12396	11.363 ug/l		99
56) Ethyl methacrylate	8.02	69	17146	9.178 ug/l	#	90
57) 1,3-Dichloropropane	8.24	76	21025	10.382 ug/l		98
58) 2-Chloroethyl Vinyl ether	7.13	63	45856	47.923 ug/l		95
59) 2-Hexanone	8.36	43	67589	41.531 ug/l		93
60) Dibromochloromethane	8.48	129	11097	10.390 ug/l		98
61) 1,2-Dibromoethane	8.58	107	12905	11.281 ug/l		98
64) Tetrachloroethene	8.22	164	10030	11.255 ug/l		97
65) Chlorobenzene	9.12	112	32011	11.244 ug/l		100
66) 1,1,1,2-Tetrachloroethane	9.21	131	10386	11.424 ug/l		97
67) Ethyl Benzene	9.25	91	52830	10.094 ug/l		97
68) m/p-Xylenes	9.37	106	41465	21.773 ug/l		91
69) o-Xylene	9.78	106	19744	10.669 ug/l		93
70) Styrene	9.79	104	30514	9.963 ug/l		96
71) Bromoform	9.96	173	8915	11.527 ug/l	#	98
73) Isopropylbenzene	10.16	105	50567	10.298 ug/l		100
74) N-amyl acetate	10.01	43	22532	7.955 ug/l		92
75) 1,1,2,2-Tetrachloroethane	10.46	83	21582	11.441 ug/l		98
76) 1,2,3-Trichloropropane	10.49	75	18535m	11.343 ug/l		
77) Bromobenzene	10.45	156	13466	11.725 ug/l		88
78) n-propylbenzene	10.59	91	58529	9.592 ug/l		97
79) 2-Chlorotoluene	10.66	91	37106	10.557 ug/l		95
80) 1,3,5-Trimethylbenzene	10.77	105	41026	10.093 ug/l		96
81) trans-1,4-Dichloro-2-buten	10.51	75	6379m	10.021 ug/l		
82) 4-Chlorotoluene	10.77	91	40005	9.605 ug/l		97
83) tert-Butylbenzene	11.10	119	40753	10.402 ug/l		97
84) 1,2,4-Trimethylbenzene	11.15	105	41894	10.001 ug/l		95
85) sec-Butylbenzene	11.32	105	49774	9.889 ug/l		98
86) p-Isopropyltoluene	11.48	119	40791	9.541 ug/l		97
87) 1,3-Dichlorobenzene	11.41	146	23395	10.788 ug/l		98
88) 1,4-Dichlorobenzene	11.51	146	23262	10.368 ug/l		98
89) n-Butylbenzene	11.89	91	36296	8.388 ug/l		99
90) Hexachloroethane	12.14	117	6760	10.461 ug/l		88
91) 1,2-Dichlorobenzene	11.88	146	23855	10.997 ug/l		97
92) 1,2-Dibromo-3-Chloropropan	12.66	75	3609	8.837 ug/l		73

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	13036	9.442	ug/l	97
94) Hexachlorobutadiene	13.69	225	7198	10.130	ug/l	98
95) Naphthalene	13.75	128	42425	8.151	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	14289	9.750	ug/l	100

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

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