Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082118\
Data File : VN050783.D
Acq On : 21 Aug 2018 11:34
Operator : MD\SY
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
8/22/2018 11:18:57 AM

Quant Time: Aug 22 03:57:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 03:28:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	682141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	952520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	899954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	495246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	807530	98.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 196.66%			
35) Dibromofluoromethane	7.59	113	763547	100.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 201.52%			
50) Toluene-d8	10.09	98	2973393	104.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 209.90%			
62) 4-Bromofluorobenzene	12.40	95	1032161	109.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 219.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	981892	107.56	ug/l	100
3) Chloromethane	2.06	50	1071053	95.12	ug/l	100
4) Vinyl Chloride	2.18	62	1053360	98.76	ug/l	99
5) Bromomethane	2.55	94	616424	89.79	ug/l	99
6) Chloroethane	2.69	64	593062	96.23	ug/l	99
7) Trichlorofluoromethane	3.01	101	1350325	98.87	ug/l	100
8) Diethyl Ether	3.41	74	471791	101.59	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	826773	96.89	ug/l	99
10) Methyl Iodide	3.95	142	769948	113.67	ug/l	99
11) Tert butyl alcohol	4.79	59	266512	509.65	ug/l	100
12) 1,1-Dichloroethene	3.73	96	771466	100.69	ug/l	100
13) Acrolein	3.61	56	156376	547.47	ug/l	100
14) Allyl chloride	4.32	41	1248644	104.59	ug/l	99
15) Acrylonitrile	4.99	53	1379288	519.00	ug/l	100
16) Acetone	3.82	43	961847	424.79	ug/l	99
17) Carbon Disulfide	4.05	76	2457359	95.68	ug/l	100
18) Methyl Acetate	4.33	43	716881	91.81	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2042383	105.98	ug/l	99
20) Methylene Chloride	4.55	84	861198	93.05	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	820377	99.36	ug/l	99
22) Diisopropyl ether	5.95	45	2472639	103.93	ug/l	98
23) Vinyl Acetate	5.90	43	8305546	542.07	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1485190	97.23	ug/l	100
25) 2-Butanone	6.84	43	1533873	463.49	ug/l	100
26) 2,2-Dichloropropane	6.83	77	1214915	98.99	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	909020	101.75	ug/l	100
28) Bromochloromethane	7.20	49	635984	97.99	ug/l	99
29) Tetrahydrofuran	7.21	42	1006940	530.69	ug/l	100
30) Chloroform	7.37	83	1459618	96.50	ug/l	99
31) Cyclohexane	7.65	56	1392765	91.79	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1271572	97.88	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1171635	104.24	ug/l	100
37) Ethyl Acetate	6.93	43	668485	108.07	ug/l	99
38) Carbon Tetrachloride	7.77	117	1157895	101.91	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	1344418	110.56	ug/l		98
40) Benzene	8.04	78	3472211	102.44	ug/l		100
41) Methacrylonitrile	7.18	41	397121	121.46	ug/l		92
42) 1,2-Dichloroethane	8.12	62	1026651	101.31	ug/l		100
43) Isopropyl Acetate	8.17	43	1205333	108.57	ug/l		100
44) Trichloroethene	8.84	130	915777	102.45	ug/l		99
45) 1,2-Dichloropropane	9.12	63	900830	101.12	ug/l		100
46) Dibromomethane	9.21	93	530299	101.31	ug/l		100
47) Bromodichloromethane	9.40	83	1129778	103.05	ug/l		99
48) Methyl methacrylate	9.20	41	621306	109.82	ug/l		99
49) 1,4-Dioxane	9.20	88	172738	2239.63	ug/l		98
51) 4-Methyl-2-Pentanone	9.99	43	3353251	506.16	ug/l		99
52) Toluene	10.16	92	2161019	107.63	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	1195366	109.55	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	1357999	108.68	ug/l		100
55) 1,1,2-Trichloroethane	10.56	97	753640	101.13	ug/l		100
56) Ethyl methacrylate	10.43	69	984199	116.44	ug/l		99
57) 1,3-Dichloropropane	10.71	76	1283466	104.34	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	2152437	596.42	ug/l		99
59) 2-Hexanone	10.75	43	2292037	519.70	ug/l		99
60) Dibromochloromethane	10.90	129	885703	106.15	ug/l		100
61) 1,2-Dibromoethane	11.01	107	770861	106.97	ug/l		99
64) Tetrachloroethene	10.63	164	834149	97.58	ug/l		99
65) Chlorobenzene	11.43	112	2373208	100.89	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.51	131	864888	100.49	ug/l		99
67) Ethyl Benzene	11.51	91	4167342	108.97	ug/l		100
68) m/p-Xylenes	11.62	106	3203031	220.66	ug/l		100
69) o-Xylene	11.95	106	1538292	110.23	ug/l		100
70) Styrene	11.96	104	2504694	114.81	ug/l		100
71) Bromoform	12.13	173	630662	106.55	ug/l	#	100
73) Isopropylbenzene	12.25	105	4070283	99.26	ug/l		100
74) N-amyl acetate	12.07	43	1078243	104.64	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	959601	86.85	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	770907m	91.81	ug/l		
77) Bromobenzene	12.53	156	1051381	94.34	ug/l		99
78) n-propylbenzene	12.59	91	4721222	103.06	ug/l		99
79) 2-Chlorotoluene	12.67	91	2767293	96.98	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	3395233	102.61	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	271731	105.90	ug/l		98
82) 4-Chlorotoluene	12.77	91	2845501	101.01	ug/l		100
83) tert-Butylbenzene	12.99	119	2885502	100.69	ug/l		100
84) 1,2,4-Trimethylbenzene	13.04	105	3477197	104.47	ug/l		100
85) sec-Butylbenzene	13.17	105	3885306	103.47	ug/l		100
86) p-Isopropyltoluene	13.29	119	3477528	108.69	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	1887101	99.78	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	1830018	98.32	ug/l		99
89) n-Butylbenzene	13.62	91	2895992	113.17	ug/l		99
90) Hexachloroethane	13.88	117	598966	90.45	ug/l		98
91) 1,2-Dichlorobenzene	13.65	146	1783478	97.74	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	145211	98.60	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	970026	122.13	ug/l	99
94) Hexachlorobutadiene	15.01	225	538306	90.48	ug/l	100
95) Naphthalene	15.13	128	2028464	129.45	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	903637	116.84	ug/l	99

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

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