Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060419\
Data File : VN055979.D
Acq On : 4 Jun 2019 10:02
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
6/5/2019 4:03:40 PM

Quant Time: Jun 04 10:28:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 10:09:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	327508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	473334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	435182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	217060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	319967	96.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 193.80%			
35) Dibromofluoromethane	7.59	113	289510	99.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 198.90%			
50) Toluene-d8	10.09	98	1123744	100.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 201.76%			
62) 4-Bromofluorobenzene	12.40	95	404555	110.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 220.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	362829	120.228	ug/l	99
3) Chloromethane	2.06	50	374565	108.253	ug/l	100
4) Vinyl Chloride	2.18	62	372323	107.273	ug/l	99
5) Bromomethane	2.52	94	205491	83.532	ug/l	99
6) Chloroethane	2.67	64	200357	95.437	ug/l	98
7) Trichlorofluoromethane	3.00	101	454599	99.939	ug/l	99
8) Diethyl Ether	3.40	74	182685	96.619	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	278656	101.098	ug/l	100
10) Methyl Iodide	3.94	142	458358	107.468	ug/l	99
11) Tert butyl alcohol	4.82	59	287451	507.604	ug/l	100
12) 1,1-Dichloroethene	3.72	96	281873	104.168	ug/l	97
13) Acrolein	3.60	56	82859	513.155	ug/l	99
14) Allyl chloride	4.31	41	450392	106.129	ug/l	99
15) Acrylonitrile	4.99	53	726257	543.033	ug/l	99
16) Acetone	3.82	43	756853	475.125	ug/l	100
17) Carbon Disulfide	4.03	76	730596	119.030	ug/l	100
18) Methyl Acetate	4.32	43	300553	83.332	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	873145	99.768	ug/l	100
20) Methylene Chloride	4.54	84	317216	98.673	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	298695	102.269	ug/l	96
22) Diisopropyl ether	5.95	45	901111	101.114	ug/l	97
23) Vinyl Acetate	5.89	43	3793890	559.483	ug/l	99
24) 1,1-Dichloroethane	5.84	63	515291	99.547	ug/l	99
25) 2-Butanone	6.84	43	1021539	529.521	ug/l	98
26) 2,2-Dichloropropane	6.82	77	405978	101.147	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	346911	100.500	ug/l	97
28) Bromochloromethane	7.19	49	247715	101.229	ug/l	97
29) Tetrahydrofuran	7.21	42	625913	522.783	ug/l	99
30) Chloroform	7.37	83	520553	100.012	ug/l	100
31) Cyclohexane	7.65	56	492596	92.647	ug/l	98
32) 1,1,1-Trichloroethane	7.56	97	448881	105.289	ug/l	99
36) 1,1-Dichloropropene	7.79	75	405109	99.211	ug/l	99
37) Ethyl Acetate	6.93	43	383360	108.952	ug/l	99
38) Carbon Tetrachloride	7.77	117	389224	105.722	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	512012	101.645	ug/l		99
40) Benzene	8.04	78	1238711	100.338	ug/l		100
41) Methacrylonitrile	7.17	41	181767	113.913	ug/l		97
42) 1,2-Dichloroethane	8.12	62	388849	96.466	ug/l		100
43) Isopropyl Acetate	8.17	43	620282	109.385	ug/l	#	92
44) Trichloroethene	8.83	130	351331	98.715	ug/l		99
45) 1,2-Dichloropropane	9.12	63	317941	100.896	ug/l		98
46) Dibromomethane	9.20	93	211535	103.261	ug/l		100
47) Bromodichloromethane	9.40	83	400526	110.895	ug/l		99
48) Methyl methacrylate	9.20	41	302086	108.405	ug/l		97
49) 1,4-Dioxane	9.20	88	131552	2172.499	ug/l		97
51) 4-Methyl-2-Pentanone	9.99	43	1935165	537.094	ug/l		99
52) Toluene	10.15	92	786714	103.769	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	444367	124.204	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	499610	117.802	ug/l		98
55) 1,1,2-Trichloroethane	10.56	97	310951	103.440	ug/l		99
56) Ethyl methacrylate	10.43	69	488462	115.438	ug/l		99
57) 1,3-Dichloropropane	10.71	76	508602	104.336	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.69	63	895063	627.546	ug/l		99
59) 2-Hexanone	10.75	43	1416042	544.197	ug/l		98
60) Dibromochloromethane	10.90	129	339860	126.356	ug/l		99
61) 1,2-Dibromoethane	11.00	107	332058	110.536	ug/l		99
64) Tetrachloroethene	10.63	164	349454	89.201	ug/l		98
65) Chlorobenzene	11.43	112	852980	97.852	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	314636	108.652	ug/l		99
67) Ethyl Benzene	11.51	91	1503849	99.995	ug/l		99
68) m/p-Xylenes	11.62	106	1169613	205.008	ug/l		99
69) o-Xylene	11.95	106	568767	100.524	ug/l		100
70) Styrene	11.96	104	971928	112.756	ug/l		99
71) Bromoform	12.13	173	258692	133.410	ug/l	#	100
73) Isopropylbenzene	12.25	105	1490202	78.926	ug/l		100
74) N-amyl acetate	12.07	43	539051	89.802	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.50	83	437104	80.984	ug/l		100
76) 1,2,3-Trichloropropane	12.55	75	355231m	80.135	ug/l		
77) Bromobenzene	12.53	156	413351	84.194	ug/l		96
78) n-propylbenzene	12.59	91	1659777	86.420	ug/l		100
79) 2-Chlorotoluene	12.67	91	986622	79.504	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	1271646	81.775	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	131350	118.064	ug/l		98
82) 4-Chlorotoluene	12.77	91	1001226	90.046	ug/l		100
83) tert-Butylbenzene	12.99	119	1101073	78.403	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	1264676	87.623	ug/l		99
85) sec-Butylbenzene	13.17	105	1443414	83.888	ug/l		100
86) p-Isopropyltoluene	13.29	119	1342093	88.748	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	699524	95.772	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	680819	97.694	ug/l		100
89) n-Butylbenzene	13.61	91	1096570	102.915	ug/l		100
90) Hexachloroethane	13.87	117	214019	97.016	ug/l		98
91) 1,2-Dichlorobenzene	13.65	146	678698	90.492	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	76507	110.643	ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	404134	139.704	ug/l	99
94) Hexachlorobutadiene	15.01	225	242684	79.965	ug/l	99
95) Naphthalene	15.13	128	1051052	139.875	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	405832	126.135	ug/l	100

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

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