Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022019\
Data File : VN053874.D
Acq On : 20 Feb 2019 10:17
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
2/21/2019 10:52:05 AM

Quant Time: Feb 21 03:31:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:05:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	720707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1017498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	873601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	439942	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	699630	94.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 189.98%			
35) Dibromofluoromethane	7.59	113	681790	102.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 204.20%			
50) Toluene-d8	10.09	98	2372472	98.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 196.74%			
62) 4-Bromofluorobenzene	12.40	95	797946	100.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 200.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	546339	87.253	ug/l	99
3) Chloromethane	2.06	50	660332	84.828	ug/l	98
4) Vinyl Chloride	2.18	62	747363	89.439	ug/l	99
5) Bromomethane	2.56	94	534887	87.409	ug/l	98
6) Chloroethane	2.70	64	481094	89.082	ug/l	99
7) Trichlorofluoromethane	3.02	101	1054887	88.900	ug/l	100
8) Diethyl Ether	3.41	74	408250	97.872	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	662784	92.681	ug/l	99
10) Methyl Iodide	3.95	142	1056418	99.618	ug/l	99
11) Tert butyl alcohol	4.78	59	248478	540.403	ug/l	99
12) 1,1-Dichloroethene	3.74	96	642341	96.042	ug/l	99
13) Acrolein	3.61	56	100572	306.023	ug/l	100
14) Allyl chloride	4.32	41	1026921	101.453	ug/l	99
15) Acrylonitrile	4.99	53	1220132	526.750	ug/l	100
16) Acetone	3.81	43	953389	470.655	ug/l	99
17) Carbon Disulfide	4.06	76	2001828	96.638	ug/l	100
18) Methyl Acetate	4.32	43	459359	99.159	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	1766214	104.086	ug/l	99
20) Methylene Chloride	4.55	84	718224	94.706	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	698292	99.480	ug/l	97
22) Diisopropyl ether	5.95	45	2030936	107.634	ug/l	99
23) Vinyl Acetate	5.89	43	7469904	557.854	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1242012	97.220	ug/l	100
25) 2-Butanone	6.83	43	1368187	523.432	ug/l	97
26) 2,2-Dichloropropane	6.82	77	941368	97.105	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	784344	99.744	ug/l	99
28) Bromochloromethane	7.19	49	551183	98.856	ug/l	97
29) Tetrahydrofuran	7.21	42	891390	527.309	ug/l	100
30) Chloroform	7.37	83	1224379	95.382	ug/l	99
31) Cyclohexane	7.65	56	1154693	86.662	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1048109	95.430	ug/l	100
36) 1,1-Dichloropropene	7.79	75	963321	103.288	ug/l	98
37) Ethyl Acetate	6.93	43	595820	115.758	ug/l	99
38) Carbon Tetrachloride	7.77	117	947523	95.051	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	1102073	102.548	ug/l		99
40) Benzene	8.04	78	2854171	103.517	ug/l		100
41) Methacrylonitrile	7.17	41	314984	95.859	ug/l	#	100
42) 1,2-Dichloroethane	8.12	62	831239	101.128	ug/l		100
43) Isopropyl Acetate	8.16	43	1029332	103.469	ug/l	#	89
44) Trichloroethene	8.83	130	737076	95.496	ug/l		99
45) 1,2-Dichloropropane	9.12	63	678452	96.382	ug/l		99
46) Dibromomethane	9.21	93	412308	97.278	ug/l		99
47) Bromodichloromethane	9.40	83	862184	96.427	ug/l		100
48) Methyl methacrylate	9.20	41	460853	100.750	ug/l		96
49) 1,4-Dioxane	9.20	88	140385	2225.386	ug/l		98
51) 4-Methyl-2-Pentanone	9.99	43	2521198	545.178	ug/l		99
52) Toluene	10.16	92	1616982	98.963	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	915382	105.430	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	1058324	103.417	ug/l		100
55) 1,1,2-Trichloroethane	10.56	97	582242	97.479	ug/l		99
56) Ethyl methacrylate	10.43	69	755909	112.411	ug/l		99
57) 1,3-Dichloropropane	10.71	76	988285	98.268	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	1726844	586.163	ug/l		99
59) 2-Hexanone	10.75	43	1666866	534.057	ug/l		99
60) Dibromochloromethane	10.90	129	692019	99.258	ug/l		100
61) 1,2-Dibromoethane	11.00	107	584440	98.489	ug/l		99
64) Tetrachloroethene	10.63	164	730065	93.457	ug/l		99
65) Chlorobenzene	11.43	112	1793529	98.084	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.51	131	665376	99.715	ug/l		100
67) Ethyl Benzene	11.51	91	3006983	101.611	ug/l		100
68) m/p-Xylenes	11.62	106	2360274	205.986	ug/l		99
69) o-Xylene	11.95	106	1141652	103.493	ug/l		99
70) Styrene	11.96	104	1866193	107.807	ug/l		100
71) Bromoform	12.13	173	498768	105.328	ug/l	#	100
73) Isopropylbenzene	12.25	105	2926508	94.424	ug/l		100
74) N-amyl acetate	12.07	43	756924	106.350	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.50	83	686143	93.640	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	572733m	99.656	ug/l		
77) Bromobenzene	12.53	156	797909	95.971	ug/l		99
78) n-propylbenzene	12.59	91	3417627	98.609	ug/l		99
79) 2-Chlorotoluene	12.67	91	1999426	95.677	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	2547278	99.015	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	206512	105.562	ug/l		98
82) 4-Chlorotoluene	12.77	91	2044775	98.216	ug/l		100
83) tert-Butylbenzene	12.99	119	2215264	95.897	ug/l		100
84) 1,2,4-Trimethylbenzene	13.04	105	2607067	101.040	ug/l		100
85) sec-Butylbenzene	13.17	105	2999560	96.440	ug/l		100
86) p-Isopropyltoluene	13.29	119	2713574	100.526	ug/l		100
87) 1,3-Dichlorobenzene	13.28	146	1419891	97.868	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	1410273	96.608	ug/l		100
89) n-Butylbenzene	13.62	91	2341418	105.479	ug/l		99
90) Hexachloroethane	13.87	117	474377	91.989	ug/l		97
91) 1,2-Dichlorobenzene	13.65	146	1389551	97.623	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	109045	101.983	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	891568	122.064	ug/l	98
94) Hexachlorobutadiene	15.01	225	539201	90.835	ug/l	99
95) Naphthalene	15.13	128	1785546	130.891	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	832474	117.454	ug/l	99

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

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