Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090119\
Data File : VN057614.D
Acq On : 31 Aug 2019 14:26
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDICC100

Manual Integrations APPROVED
MMDadoda
9/3/2019 11:52:01 AM

Quant Time: Aug 31 15:26:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:14:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.65	168	195405	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.58	114	329820	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	305200	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	163841	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	441075	120.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 241.80%				
35) Dibromofluoromethane	7.58	113	287935	120.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 241.80%				
50) Toluene-d8	10.08	98	1131545	125.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 251.28%				
62) 4-Bromofluorobenzene	12.40	95	446214	143.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 286.96%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.84	85	332303	135.220	ug/l		100
3) Chloromethane	2.05	50	366831	107.898	ug/l		97
4) Vinyl Chloride	2.18	62	290740	75.680	ug/l		99
5) Bromomethane	2.51	94	182478	77.493	ug/l		95
6) Chloroethane	2.65	64	159871	65.262	ug/l		99
7) Trichlorofluoromethane	2.99	101	399877	67.297	ug/l		98
8) Diethyl Ether	3.40	74	131145	59.149	ug/l		99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	199073	60.933	ug/l		99
10) Methyl Iodide	3.92	142	276382	106.543	ug/l		99
11) Tert butyl alcohol	4.82	59	253902	576.467	ug/l	#	87
12) 1,1-Dichloroethene	3.71	96	186196	59.646	ug/l		95
13) Acrolein	3.59	56	88560	262.804	ug/l		95
14) Allyl chloride	4.29	41	593384	117.595	ug/l		99
15) Acrylonitrile	4.97	53	739414	612.781	ug/l		99
16) Acetone	3.81	43	615009	378.834	ug/l		96
17) Carbon Disulfide	4.02	76	624938	97.813	ug/l		100
18) Methyl Acetate	4.31	43	405221	96.349	ug/l		100
19) Methyl tert-butyl Ether	5.03	73	992116	118.035	ug/l		97
20) Methylene Chloride	4.52	84	316446	116.403	ug/l		95
21) trans-1,2-Dichloroethene	5.01	96	282154	114.820	ug/l		97
22) Diisopropyl ether	5.94	45	1213382	121.770	ug/l		98
23) Vinyl Acetate	5.88	43	4886338	623.036	ug/l		98
24) 1,1-Dichloroethane	5.82	63	616872	117.886	ug/l		99
25) 2-Butanone	6.83	43	1079549	596.967	ug/l		98
26) 2,2-Dichloropropane	6.80	77	505533	112.748	ug/l		99
27) cis-1,2-Dichloroethene	6.81	96	333506	114.886	ug/l		99
28) Bromochloromethane	7.18	49	320017	116.050	ug/l		98
29) Tetrahydrofuran	7.20	42	684312	582.406	ug/l		99
30) Chloroform	7.36	83	618564	113.808	ug/l		96
31) Cyclohexane	7.63	56	576461	113.607	ug/l		99
32) 1,1,1-Trichloroethane	7.55	97	520687	116.804	ug/l		99
36) 1,1-Dichloropropene	7.78	75	450437	125.134	ug/l		99
37) Ethyl Acetate	6.92	43	445915	126.143	ug/l		99
38) Carbon Tetrachloride	7.76	117	420987	120.356	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.07	83	536124	125.758	ug/l		98
40) Benzene	8.03	78	1312912	122.387	ug/l		97
41) Methacrylonitrile	7.16	41	239561	139.627	ug/l		94
42) 1,2-Dichloroethane	8.11	62	546398	130.376	ug/l		99
43) Isopropyl Acetate	8.16	43	808913	124.974	ug/l		100
44) Trichloroethene	8.82	130	293980	123.228	ug/l		97
45) 1,2-Dichloropropane	9.11	63	360699	119.437	ug/l		99
46) Dibromomethane	9.20	93	229545	119.711	ug/l		99
47) Bromodichloromethane	9.40	83	492059	123.808	ug/l		98
48) Methyl methacrylate	9.19	41	405811	130.413	ug/l		99
49) 1,4-Dioxane	9.20	88	97270	2479.210	ug/l		99
51) 4-Methyl-2-Pentanone	9.98	43	2310302	633.845	ug/l		99
52) Toluene	10.15	92	792265	127.484	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	517900	125.038	ug/l		99
54) cis-1,3-Dichloropropene	9.83	75	563181	121.864	ug/l		98
55) 1,1,2-Trichloroethane	10.56	97	304638	122.111	ug/l		98
56) Ethyl methacrylate	10.43	69	516760	131.182	ug/l		99
57) 1,3-Dichloropropane	10.71	76	552944	126.575	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.69	63	805878	842.769	ug/l		100
59) 2-Hexanone	10.75	43	1720727	684.470	ug/l		99
60) Dibromochloromethane	10.90	129	329602	126.722	ug/l		100
61) 1,2-Dibromoethane	11.00	107	307308	125.912	ug/l		99
64) Tetrachloroethene	10.63	164	265361	117.269	ug/l		97
65) Chlorobenzene	11.43	112	802620	123.039	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.51	131	288245	117.498	ug/l		99
67) Ethyl Benzene	11.51	91	1598128	126.370	ug/l		99
68) m/p-Xylenes	11.62	106	1129463	262.708	ug/l		97
69) o-Xylene	11.95	106	543541	128.122	ug/l		99
70) Styrene	11.96	104	944912	139.573	ug/l		99
71) Bromoform	12.13	173	209717	127.894	ug/l	#	100
73) Isopropylbenzene	12.25	105	1521506	81.057	ug/l		99
74) N-amyl acetate	12.07	43	739209	85.769	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.51	83	448931	81.507	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	398292m	92.542	ug/l		
77) Bromobenzene	12.53	156	333436	88.760	ug/l		98
78) n-propylbenzene	12.59	91	1785813	89.442	ug/l		99
79) 2-Chlorotoluene	12.68	91	1088420	90.936	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	1317649	88.819	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	132306	82.714	ug/l		91
82) 4-Chlorotoluene	12.77	91	1120903	98.167	ug/l		100
83) tert-Butylbenzene	12.99	119	1077029	81.817	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	1291822	98.251	ug/l		100
85) sec-Butylbenzene	13.17	105	1491153	92.188	ug/l		100
86) p-Isopropyltoluene	13.29	119	1273121	96.599	ug/l		98
87) 1,3-Dichlorobenzene	13.28	146	591453	107.819	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	583160	109.308	ug/l		99
89) n-Butylbenzene	13.62	91	1170511	104.515	ug/l		100
90) Hexachloroethane	13.88	117	227255	76.891	ug/l		97
91) 1,2-Dichlorobenzene	13.66	146	575866	109.821	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	79844	90.787	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	250496	130.584 ug/l	99
94) Hexachlorobutadiene	15.01	225	188488	113.197 ug/l	98
95) Naphthalene	15.13	128	731571	116.360 ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	247559	122.945 ug/l	97

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

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