Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110619\
Data File : VN059096.D
Acq On : 6 Nov 2019 10:23
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
11/7/2019 9:16:15 AM

Quant Time: Nov 07 03:55:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 03:09:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	550093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	852726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	790073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	398201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	664380	93.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 186.50%			
35) Dibromofluoromethane	7.57	113	518495	96.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 192.38%			
50) Toluene-d8	10.08	98	2058982	98.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 196.72%			
62) 4-Bromofluorobenzene	12.40	95	782198	104.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 208.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	533821	90.451	ug/l	99
3) Chloromethane	2.04	50	700813	87.646	ug/l	100
4) Vinyl Chloride	2.17	62	702005	90.329	ug/l	99
5) Bromomethane	2.52	94	396595m	86.652	ug/l	
6) Chloroethane	2.67	64	405023	85.100	ug/l	100
7) Trichlorofluoromethane	2.99	101	838384	90.555	ug/l	100
8) Diethyl Ether	3.38	74	346678	95.568	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	506989	92.809	ug/l	100
10) Methyl Iodide	3.92	142	687460	103.068	ug/l	100
11) Tert butyl alcohol	4.76	59	647814	483.076	ug/l	99
12) 1,1-Dichloroethene	3.71	96	497949	91.720	ug/l	100
13) Acrolein	3.58	56	311052	384.954	ug/l	100
14) Allyl chloride	4.29	41	1030714	95.816	ug/l	98
15) Acrylonitrile	4.95	53	1667021	493.644	ug/l	99
16) Acetone	3.79	43	1825677	493.035	ug/l	98
17) Carbon Disulfide	4.02	76	1509037	88.098	ug/l	100
18) Methyl Acetate	4.29	43	838374	89.890	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	1781964	96.236	ug/l	100
20) Methylene Chloride	4.52	84	583917	90.629	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	544810	93.592	ug/l	98
22) Diisopropyl ether	5.92	45	2001323	97.591	ug/l	100
23) Vinyl Acetate	5.86	43	7691475	472.067	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	1078155	91.887	ug/l	99
25) 2-Butanone	6.81	43	2445085	499.313	ug/l	100
26) 2,2-Dichloropropane	6.80	77	922096	90.686	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	631669	96.009	ug/l	99
28) Bromochloromethane	7.17	49	301695	83.875	ug/l	99
29) Tetrahydrofuran	7.18	42	1511820	489.610	ug/l	99
30) Chloroform	7.35	83	1023398	91.259	ug/l	99
31) Cyclohexane	7.63	56	1005544	90.233	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	887200	93.529	ug/l	100
36) 1,1-Dichloropropene	7.77	75	814633	96.601	ug/l	99
37) Ethyl Acetate	6.90	43	904709	96.422	ug/l	100
38) Carbon Tetrachloride	7.75	117	789304	95.937	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.07	83	985080	101.354	ug/l		99
40) Benzene	8.02	78	2397194	95.536	ug/l		100
41) Methacrylonitrile	7.16	41	443992m	108.865	ug/l		
42) 1,2-Dichloroethane	8.10	62	814956	93.463	ug/l		100
43) Isopropyl Acetate	8.14	43	1473724	100.660	ug/l		100
44) Trichloroethene	8.82	130	586833	94.945	ug/l		99
45) 1,2-Dichloropropane	9.10	63	656984	96.718	ug/l		99
46) Dibromomethane	9.19	93	397853	94.885	ug/l		99
47) Bromodichloromethane	9.39	83	827643	97.281	ug/l		97
48) Methyl methacrylate	9.18	41	682443	102.174	ug/l		99
49) 1,4-Dioxane	9.18	88	246626	2278.546	ug/l		98
51) 4-Methyl-2-Pentanone	9.97	43	4085323	478.956	ug/l		92
52) Toluene	10.14	92	1484987	101.175	ug/l		96
53) t-1,3-Dichloropropene	10.37	75	978781	99.770	ug/l		99
54) cis-1,3-Dichloropropene	9.83	75	1052301	101.790	ug/l		99
55) 1,1,2-Trichloroethane	10.55	97	575717	95.941	ug/l		100
56) Ethyl methacrylate	10.42	69	1000676	110.912	ug/l		98
57) 1,3-Dichloropropane	10.70	76	1021956	98.067	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.68	63	1469781	410.468	ug/l		100
59) 2-Hexanone	10.74	43	3323991	512.977	ug/l		94
60) Dibromochloromethane	10.90	129	645234	100.129	ug/l		100
61) 1,2-Dibromoethane	11.00	107	609683	100.620	ug/l		99
64) Tetrachloroethene	10.62	164	519262	94.147	ug/l		99
65) Chlorobenzene	11.43	112	1543461	95.526	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	576084	96.762	ug/l		99
67) Ethyl Benzene	11.51	91	2752093	98.429	ug/l		95
68) m/p-Xylenes	11.62	106	2134812	204.174	ug/l		90
69) o-Xylene	11.95	106	1029312	103.174	ug/l		96
70) Styrene	11.96	104	1746272	108.220	ug/l		99
71) Bromoform	12.12	173	483210	104.980	ug/l	#	99
73) Isopropylbenzene	12.25	105	2693076	92.147	ug/l		98
74) N-amyl acetate	12.07	43	1304404	100.843	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.50	83	918905	88.248	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	806430m	86.655	ug/l		
77) Bromobenzene	12.53	156	670337	91.415	ug/l		99
78) n-propylbenzene	12.59	91	3136779	92.870	ug/l		96
79) 2-Chlorotoluene	12.67	91	1937103	92.358	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	2354383	94.726	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.30	75	355346	97.926	ug/l		97
82) 4-Chlorotoluene	12.77	91	2014068	94.004	ug/l		99
83) tert-Butylbenzene	12.99	119	2022520	95.514	ug/l		100
84) 1,2,4-Trimethylbenzene	13.04	105	2351610	97.710	ug/l		99
85) sec-Butylbenzene	13.17	105	2677485	96.720	ug/l		98
86) p-Isopropyltoluene	13.29	119	2446361	98.126	ug/l		98
87) 1,3-Dichlorobenzene	13.28	146	1230438	94.796	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	1225805	95.574	ug/l		99
89) n-Butylbenzene	13.62	91	2260050	104.403	ug/l		98
90) Hexachloroethane	13.88	117	459068	92.771	ug/l		99
91) 1,2-Dichlorobenzene	13.65	146	1187297	91.698	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	195174	86.937	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	757930	109.163	ug/l	99
94) Hexachlorobutadiene	15.01	225	395738	94.335	ug/l	99
95) Naphthalene	15.13	128	2181147	114.666	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	750533	105.699	ug/l	99

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

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