Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022720\
Data File : VN060265.D
Acq On : 27 Feb 2020 11:51
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDICC100

Manual Integrations APPROVED
MMDadoda
2/28/2020 12:31:14 PM

Quant Time: Feb 27 12:29:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 12:09:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	227467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	371535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	344078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	286818	103.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 206.92%			
35) Dibromofluoromethane	7.56	113	151369	70.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 140.72%			
50) Toluene-d8	10.08	98	868878	98.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 196.84%			
62) 4-Bromofluorobenzene	12.40	95	336101	102.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 205.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	198692	89.262	ug/l	99
3) Chloromethane	2.04	50	323932	114.558	ug/l	98
4) Vinyl Chloride	2.16	62	289202	94.393	ug/l	99
5) Bromomethane	2.53	94	122163	68.536	ug/l	99
6) Chloroethane	2.68	64	157377	99.803	ug/l	96
7) Trichlorofluoromethane	3.00	101	373528	94.084	ug/l	100
8) Diethyl Ether	3.38	74	143605	106.608	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	213893	96.623	ug/l	99
10) Methyl Iodide	3.93	142	212006	83.216	ug/l	100
11) Tert butyl alcohol	4.73	59	212436	509.391	ug/l	100
12) 1,1-Dichloroethene	3.72	96	213497	98.584	ug/l	99
13) Acrolein	3.57	56	208466	504.195	ug/l	100
14) Allyl chloride	4.29	41	358294	107.428	ug/l	92
15) Acrylonitrile	4.94	53	584169	566.673	ug/l	99
16) Acetone	3.78	43	458383	399.307	ug/l	99
17) Carbon Disulfide	4.03	76	563754	87.891	ug/l	99
18) Methyl Acetate	4.28	43	291050	122.851	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	762630	103.952	ug/l	100
20) Methylene Chloride	4.52	84	242457	99.974	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	229905	97.965	ug/l	97
22) Diisopropyl ether	5.91	45	793161	111.133	ug/l	99
23) Vinyl Acetate	5.86	43	3205875	540.325	ug/l	100
24) 1,1-Dichloroethane	5.82	63	441921	103.616	ug/l	100
25) 2-Butanone	6.80	43	762385	507.288	ug/l	100
26) 2,2-Dichloropropane	6.80	77	401347	100.060	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	269106	97.722	ug/l	100
28) Bromochloromethane	7.17	49	180630	108.248	ug/l	99
29) Tetrahydrofuran	7.18	42	512750	540.474	ug/l	99
30) Chloroform	7.35	83	439964	99.582	ug/l	100
31) Cyclohexane	7.63	56	382859	96.706	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	394449	98.245	ug/l	99
36) 1,1-Dichloropropene	7.77	75	327309	95.450	ug/l	99
37) Ethyl Acetate	6.90	43	327352	103.955	ug/l	99
38) Carbon Tetrachloride	7.75	117	335619	90.968	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.07	83	388240	91.647	ug/l		99
40) Benzene	8.02	78	978289	95.816	ug/l		99
41) Methacrylonitrile	7.15	41	163259m	122.273	ug/l		
42) 1,2-Dichloroethane	8.10	62	354209	98.620	ug/l		100
43) Isopropyl Acetate	8.14	43	576182	106.651	ug/l		100
44) Trichloroethene	8.82	130	265675	94.225	ug/l		99
45) 1,2-Dichloropropane	9.10	63	262440	102.915	ug/l		100
46) Dibromomethane	9.19	93	167974	94.678	ug/l		99
47) Bromodichloromethane	9.39	83	351292	97.105	ug/l		98
48) Methyl methacrylate	9.18	41	263907	108.960	ug/l		99
49) 1,4-Dioxane	9.18	88	70818	1805.168	ug/l		97
51) 4-Methyl-2-Pentanone	9.97	43	1666131	535.481	ug/l		99
52) Toluene	10.14	92	621833	95.407	ug/l		100
53) t-1,3-Dichloropropene	10.37	75	414801	101.014	ug/l		98
54) cis-1,3-Dichloropropene	9.82	75	433814	100.229	ug/l		99
55) 1,1,2-Trichloroethane	10.55	97	241347	94.877	ug/l		99
56) Ethyl methacrylate	10.42	69	394233	108.684	ug/l		100
57) 1,3-Dichloropropane	10.70	76	412022	97.578	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.68	63	991702	577.894	ug/l		100
59) 2-Hexanone	10.74	43	1234110	521.428	ug/l		99
60) Dibromochloromethane	10.89	129	270051	93.817	ug/l		99
61) 1,2-Dibromoethane	11.00	107	253857	95.939	ug/l		98
64) Tetrachloroethene	10.62	164	267196	100.459	ug/l		100
65) Chlorobenzene	11.43	112	659932	94.624	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.50	131	253211	96.186	ug/l		99
67) Ethyl Benzene	11.51	91	1222805	96.867	ug/l		100
68) m/p-Xylenes	11.62	106	917838	194.209	ug/l		99
69) o-Xylene	11.94	106	442639	97.291	ug/l		99
70) Styrene	11.96	104	761431	103.637	ug/l		100
71) Bromoform	12.12	173	199744	95.543	ug/l	#	100
73) Isopropylbenzene	12.25	105	1198737	91.495	ug/l		99
74) N-amyl acetate	12.07	43	541094	112.173	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.50	83	338430	90.810	ug/l		100
76) 1,2,3-Trichloropropane	12.55	75	363942m	107.936	ug/l		
77) Bromobenzene	12.52	156	294424	91.016	ug/l		99
78) n-propylbenzene	12.59	91	1413868	94.378	ug/l		100
79) 2-Chlorotoluene	12.67	91	826798	93.888	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	1022467	93.744	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	138624	100.677	ug/l	#	90
82) 4-Chlorotoluene	12.77	91	865425	95.789	ug/l		100
83) tert-Butylbenzene	12.99	119	881891	91.304	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	1036576	96.269	ug/l		100
85) sec-Butylbenzene	13.17	105	1195386	93.689	ug/l		100
86) p-Isopropyltoluene	13.29	119	1095875	94.740	ug/l		100
87) 1,3-Dichlorobenzene	13.28	146	539151	93.896	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	540625	94.236	ug/l		99
89) n-Butylbenzene	13.61	91	1018534	99.674	ug/l		100
90) Hexachloroethane	13.87	117	174374	83.312	ug/l		99
91) 1,2-Dichlorobenzene	13.65	146	512032	91.240	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	74385	85.856	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	349284	104.971	ug/l	100
94) Hexachlorobutadiene	15.01	225	159832	83.824	ug/l	99
95) Naphthalene	15.13	128	1038295	113.957	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	329571	99.887	ug/l	100

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

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