Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121319\
Data File : VN059588.D
Acq On : 13 Dec 2019 17:06
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDICC100

Manual Integrations APPROVED
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12/16/2019 12:48:59 PM

Quant Time: Dec 13 23:03:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 17:23:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	252034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	404538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	377103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	189193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	340515	94.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 188.14%			
35) Dibromofluoromethane	7.57	113	242464	98.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 197.42%			
50) Toluene-d8	10.08	98	959118	94.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 189.92%			
62) 4-Bromofluorobenzene	12.40	95	361702	99.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 198.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	356930	119.110	ug/l	100
3) Chloromethane	2.04	50	563682	122.849	ug/l	100
4) Vinyl Chloride	2.17	62	530420	118.492	ug/l	98
5) Bromomethane	2.52	94	289201	105.708	ug/l	97
6) Chloroethane	2.67	64	309412	116.514	ug/l	100
7) Trichlorofluoromethane	2.99	101	584479	109.654	ug/l	99
8) Diethyl Ether	3.38	74	194687	107.387	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	304121	110.555	ug/l	100
10) Methyl Iodide	3.92	142	423744	112.708	ug/l	99
11) Tert butyl alcohol	4.75	59	394806	645.755	ug/l	100
12) 1,1-Dichloroethene	3.71	96	292808	108.878	ug/l	95
13) Acrolein	3.58	56	250043	717.326	ug/l	97
14) Allyl chloride	4.29	41	598502	116.017	ug/l	99
15) Acrylonitrile	4.95	53	961890	610.641	ug/l	100
16) Acetone	3.79	43	1204676	677.097	ug/l	100
17) Carbon Disulfide	4.02	76	919801	93.132	ug/l	100
18) Methyl Acetate	4.29	43	508350	114.766	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	1087889	121.813	ug/l	99
20) Methylene Chloride	4.52	84	341270	100.141	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	326112	113.357	ug/l	99
22) Diisopropyl ether	5.92	45	1181376	120.347	ug/l	97
23) Vinyl Acetate	5.86	43	4738592	582.813	ug/l	99
24) 1,1-Dichloroethane	5.82	63	641463	114.963	ug/l	99
25) 2-Butanone	6.81	43	1553433	673.117	ug/l	99
26) 2,2-Dichloropropane	6.80	77	580635	115.102	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	371985	114.799	ug/l	98
28) Bromochloromethane	7.17	49	263663	145.103	ug/l	100
29) Tetrahydrofuran	7.18	42	928868	589.888	ug/l	100
30) Chloroform	7.35	83	640499	116.400	ug/l	99
31) Cyclohexane	7.63	56	594428	109.591	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	568545	116.414	ug/l	99
36) 1,1-Dichloropropene	7.77	75	498574	118.291	ug/l	99
37) Ethyl Acetate	6.90	43	577819	131.555	ug/l	100
38) Carbon Tetrachloride	7.75	117	502030	120.521	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.07	83	580903	123.010	ug/l		99
40) Benzene	8.02	78	1414835	117.265	ug/l		99
41) Methacrylonitrile	7.15	41	231928m	112.744	ug/l		
42) 1,2-Dichloroethane	8.10	62	543362	120.630	ug/l		100
43) Isopropyl Acetate	8.14	43	930546	127.426	ug/l		99
44) Trichloroethene	8.82	130	366441	119.848	ug/l		100
45) 1,2-Dichloropropane	9.10	63	382541	119.760	ug/l		99
46) Dibromomethane	9.19	93	252667	119.364	ug/l		99
47) Bromodichloromethane	9.39	83	517301	123.192	ug/l		100
48) Methyl methacrylate	9.18	41	430977	134.430	ug/l		98
49) 1,4-Dioxane	9.18	88	128406	2994.384	ug/l		98
51) 4-Methyl-2-Pentanone	9.97	43	2783496	655.598	ug/l		97
52) Toluene	10.15	92	879916	122.210	ug/l		98
53) t-1,3-Dichloropropene	10.37	75	608037	124.119	ug/l		99
54) cis-1,3-Dichloropropene	9.83	75	633573	126.179	ug/l		99
55) 1,1,2-Trichloroethane	10.55	97	347565	119.334	ug/l		99
56) Ethyl methacrylate	10.42	69	585289	135.974	ug/l		99
57) 1,3-Dichloropropane	10.70	76	608950	122.370	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.68	63	331219	242.980	ug/l		99
59) 2-Hexanone	10.74	43	2276832	707.614	ug/l		98
60) Dibromochloromethane	10.90	129	397379	125.850	ug/l		100
61) 1,2-Dibromoethane	11.00	107	374218	123.595	ug/l		98
64) Tetrachloroethene	10.63	164	394993	134.989	ug/l		98
65) Chlorobenzene	11.43	112	932594	115.819	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.50	131	354802	117.947	ug/l		99
67) Ethyl Benzene	11.51	91	1720303	118.900	ug/l		98
68) m/p-Xylenes	11.62	106	1290339	240.748	ug/l		96
69) o-Xylene	11.94	106	622684	124.429	ug/l		99
70) Styrene	11.96	104	1045850	126.197	ug/l		99
71) Bromoform	12.12	173	295968	126.914	ug/l	#	99
73) Isopropylbenzene	12.25	105	1672348	113.077	ug/l		100
74) N-amyl acetate	12.07	43	847452	130.788	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	529920	107.365	ug/l		100
76) 1,2,3-Trichloropropane	12.55	75	525525m	105.567	ug/l		
77) Bromobenzene	12.52	156	395278	108.964	ug/l		98
78) n-propylbenzene	12.59	91	1983616	110.334	ug/l		99
79) 2-Chlorotoluene	12.67	91	1176078	109.594	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	1432576	114.473	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	222079	117.824	ug/l		100
82) 4-Chlorotoluene	12.77	91	1227360	112.285	ug/l		100
83) tert-Butylbenzene	12.99	119	1201359	115.333	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	1443818	116.978	ug/l		99
85) sec-Butylbenzene	13.17	105	1635471	114.610	ug/l		100
86) p-Isopropyltoluene	13.29	119	1504154	118.137	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	743979	111.911	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	734119	113.021	ug/l		99
89) n-Butylbenzene	13.62	91	1422473	118.524	ug/l		99
90) Hexachloroethane	13.87	117	282147	119.916	ug/l		98
91) 1,2-Dichlorobenzene	13.65	146	718208	114.693	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	134041	107.101	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	477092	112.007	ug/l	99
94) Hexachlorobutadiene	15.01	225	229605	106.772	ug/l	100
95) Naphthalene	15.12	128	1451447	115.662	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	457002	104.394	ug/l	99

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

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