Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100719\
Data File : VN058594.D
Acq On : 8 Oct 2019 1:36
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
10/9/2019 10:51:03 AM

Quant Time: Oct 08 16:03:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	441207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	726061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	672717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	328063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	303902	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.26%			
35) Dibromofluoromethane	7.57	113	221988	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.78%			
50) Toluene-d8	10.08	98	863730	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.10%			
62) 4-Bromofluorobenzene	12.41	95	329205	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	213391	44.109	ug/l	99
3) Chloromethane	2.04	50	292951	55.080	ug/l	100
4) Vinyl Chloride	2.17	62	282553	54.231	ug/l	98
5) Bromomethane	2.54	94	145350	52.521	ug/l	98
6) Chloroethane	2.68	64	169774	54.383	ug/l	96
7) Trichlorofluoromethane	3.00	101	347388	55.251	ug/l	97
8) Diethyl Ether	3.39	74	140036	51.620	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	207447	48.582	ug/l	98
10) Methyl Iodide	3.93	142	222283	46.947	ug/l	99
11) Tert butyl alcohol	4.76	59	237893	332.128	ug/l	98
12) 1,1-Dichloroethene	3.72	96	199496	47.931	ug/l	99
13) Acrolein	3.58	56	67864	297.889	ug/l	100
14) Allyl chloride	4.30	41	394062	52.026	ug/l	93
15) Acrylonitrile	4.96	53	596155	285.580	ug/l	99
16) Acetone	3.79	43	519674	236.441	ug/l	97
17) Carbon Disulfide	4.03	76	535882	48.843	ug/l	98
18) Methyl Acetate	4.30	43	306446	55.435	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	790288	53.814	ug/l	99
20) Methylene Chloride	4.53	84	247464	48.789	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	226150	48.862	ug/l	99
22) Diisopropyl ether	5.93	45	858578	52.675	ug/l	100
23) Vinyl Acetate	5.87	43	3447683	280.527	ug/l	99
24) 1,1-Dichloroethane	5.82	63	473385	51.605	ug/l	100
25) 2-Butanone	6.81	43	803241	266.181	ug/l	100
26) 2,2-Dichloropropane	6.81	77	315011	41.770	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	272027	50.287	ug/l	97
28) Bromochloromethane	7.18	49	185702	50.644	ug/l	99
29) Tetrahydrofuran	7.19	42	528325	275.848	ug/l	99
30) Chloroform	7.36	83	474091	51.002	ug/l	100
31) Cyclohexane	7.63	56	399985	44.826	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	412241	54.005	ug/l	98
36) 1,1-Dichloropropene	7.78	75	342360	49.313	ug/l	98
37) Ethyl Acetate	6.91	43	340668	57.877	ug/l	99
38) Carbon Tetrachloride	7.76	117	350166	55.878	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.07	83	386761	47.705	ug/l		100
40) Benzene	8.03	78	1024806	51.353	ug/l		99
41) Methacrylonitrile	7.16	41	134727m	49.753	ug/l		
42) 1,2-Dichloroethane	8.11	62	399565	51.464	ug/l		100
43) Isopropyl Acetate	8.15	43	589982	53.302	ug/l	#	90
44) Trichloroethene	8.82	130	257895	52.337	ug/l		99
45) 1,2-Dichloropropane	9.11	63	284364	53.131	ug/l		98
46) Dibromomethane	9.20	93	177117	52.256	ug/l		99
47) Bromodichloromethane	9.39	83	373270	58.125	ug/l		99
48) Methyl methacrylate	9.19	41	278835	55.324	ug/l		95
49) 1,4-Dioxane	9.19	88	97603	1448.282	ug/l		96
51) 4-Methyl-2-Pentanone	9.98	43	1716535	301.911	ug/l		99
52) Toluene	10.15	92	640580	50.998	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	408348	58.421	ug/l		99
54) cis-1,3-Dichloropropene	9.83	75	437675	56.409	ug/l		95
55) 1,1,2-Trichloroethane	10.56	97	253445	55.414	ug/l		99
56) Ethyl methacrylate	10.43	69	399731	57.597	ug/l		96
57) 1,3-Dichloropropane	10.71	76	449766	55.131	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.69	63	979818	354.064	ug/l		99
59) 2-Hexanone	10.75	43	1234242	298.129	ug/l		99
60) Dibromochloromethane	10.90	129	274974	58.148	ug/l		99
61) 1,2-Dibromoethane	11.00	107	257886	55.182	ug/l		99
64) Tetrachloroethene	10.63	164	236326	55.294	ug/l		98
65) Chlorobenzene	11.44	112	682964	51.074	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.51	131	259133	57.517	ug/l		99
67) Ethyl Benzene	11.51	91	1260503	52.042	ug/l		100
68) m/p-Xylenes	11.62	106	936926	102.814	ug/l		99
69) o-Xylene	11.95	106	452146	51.542	ug/l		99
70) Styrene	11.97	104	757512	53.154	ug/l		99
71) Bromoform	12.13	173	185845	59.555	ug/l	#	100
73) Isopropylbenzene	12.25	105	1226269	50.579	ug/l		99
74) N-amyl acetate	12.07	43	528642	54.809	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.51	83	379023	52.868	ug/l		100
76) 1,2,3-Trichloropropane	12.56	75	359726m	60.033	ug/l		
77) Bromobenzene	12.53	156	292809	51.507	ug/l		99
78) n-propylbenzene	12.60	91	1423178	52.104	ug/l		99
79) 2-Chlorotoluene	12.68	91	862609	51.165	ug/l		100
80) 1,3,5-Trimethylbenzene	12.74	105	1046852	51.581	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	110778	56.148	ug/l		93
82) 4-Chlorotoluene	12.78	91	888304	51.636	ug/l		100
83) tert-Butylbenzene	13.00	119	883274	51.577	ug/l		98
84) 1,2,4-Trimethylbenzene	13.05	105	1048735	51.576	ug/l		98
85) sec-Butylbenzene	13.18	105	1176821	52.209	ug/l		99
86) p-Isopropyltoluene	13.30	119	1070590	53.958	ug/l		99
87) 1,3-Dichlorobenzene	13.29	146	532091	51.619	ug/l		99
88) 1,4-Dichlorobenzene	13.37	146	528747	51.556	ug/l		99
89) n-Butylbenzene	13.62	91	956379	53.212	ug/l		100
90) Hexachloroethane	13.88	117	184533	61.901	ug/l		98
91) 1,2-Dichlorobenzene	13.66	146	522828	52.787	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.28	75	73565	58.189	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	320754	58.605 ug/l	100
94) Hexachlorobutadiene	15.02	225	147563	52.456 ug/l	98
95) Naphthalene	15.13	128	900031	56.157 ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	303726	55.355 ug/l	99

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

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