Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051419\
Data File : VN055590.D
Acq On : 14 May 2019 13:12
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
5/16/2019 1:31:53 PM

Quant Time: May 15 07:11:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051419W.M
Quant Title : SW846 8260
QLast Update : Wed May 15 06:47:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	750036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1266154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1126699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	495459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	1013069	90.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 180.80%			
35) Dibromofluoromethane	7.59	113	807250	98.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 197.44%			
50) Toluene-d8	10.09	98	3215872	101.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 202.12%			
62) 4-Bromofluorobenzene	12.40	95	1101963	103.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 207.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	684223	89.348	ug/l	99
3) Chloromethane	2.06	50	1065072	86.451	ug/l	99
4) Vinyl Chloride	2.18	62	1051974	89.801	ug/l	100
5) Bromomethane	2.53	94	607834	93.855	ug/l	100
6) Chloroethane	2.68	64	638833	92.777	ug/l	99
7) Trichlorofluoromethane	3.01	101	1172935	91.176	ug/l	99
8) Diethyl Ether	3.41	74	528179	91.430	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	733689	89.592	ug/l	98
10) Methyl Iodide	3.94	142	1107036	100.569	ug/l	99
11) Tert butyl alcohol	4.81	59	672775	420.237	ug/l	98
12) 1,1-Dichloroethene	3.72	96	772195	94.019	ug/l	98
13) Acrolein	3.60	56	639724	554.852	ug/l	99
14) Allyl chloride	4.31	41	1518014	91.408	ug/l	99
15) Acrylonitrile	4.99	53	2178040	431.106	ug/l	99
16) Acetone	3.82	43	2126072	411.716	ug/l	100
17) Carbon Disulfide	4.04	76	2257385	100.112	ug/l	100
18) Methyl Acetate	4.33	43	877577	69.548	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2467671	91.463	ug/l	99
20) Methylene Chloride	4.54	84	923594	86.816	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	835244	93.654	ug/l	96
22) Diisopropyl ether	5.95	45	3072929	91.188	ug/l	98
23) Vinyl Acetate	5.90	43	12415640	478.740	ug/l	100
24) 1,1-Dichloroethane	5.84	63	1650165	89.985	ug/l	99
25) 2-Butanone	6.84	43	3059404	435.045	ug/l	99
26) 2,2-Dichloropropane	6.82	77	1072329	93.923	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	962980	93.927	ug/l	98
28) Bromochloromethane	7.19	49	810710	86.419	ug/l	100
29) Tetrahydrofuran	7.21	42	1935833	416.030	ug/l	99
30) Chloroform	7.37	83	1533535	90.573	ug/l	99
31) Cyclohexane	7.65	56	1592506	87.715	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	1220828	94.359	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1218680	98.220	ug/l	100
37) Ethyl Acetate	6.93	43	1170922	88.231	ug/l	99
38) Carbon Tetrachloride	7.77	117	1020892	97.161	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051419\
Data File : VN055590.D
Acq On : 14 May 2019 13:12
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 15 07:11:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051419W.M
Quant Title : SW846 8260
QLast Update : Wed May 15 06:47:21 2019
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
5/16/2019 1:31:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	1440257	95.268	ug/l		98
40) Benzene	8.04	78	3724190	96.820	ug/l		100
41) Methacrylonitrile	7.17	41	555159	90.365	ug/l		94
42) 1,2-Dichloroethane	8.12	62	1210673	89.913	ug/l		100
43) Isopropyl Acetate	8.17	43	1904932	94.779	ug/l	#	90
44) Trichloroethene	8.83	130	891593	96.740	ug/l		100
45) 1,2-Dichloropropane	9.12	63	1023830	93.231	ug/l		98
46) Dibromomethane	9.21	93	598169	94.044	ug/l		99
47) Bromodichloromethane	9.40	83	1200774	98.271	ug/l		98
48) Methyl methacrylate	9.20	41	929456	95.692	ug/l		98
49) 1,4-Dioxane	9.20	88	341113	1813.742	ug/l		99
51) 4-Methyl-2-Pentanone	9.99	43	5926395	450.492	ug/l		100
52) Toluene	10.16	92	2210338	100.393	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	1288359	110.301	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	1495407	106.795	ug/l		99
55) 1,1,2-Trichloroethane	10.56	97	856365	96.209	ug/l		98
56) Ethyl methacrylate	10.43	69	1358028	103.631	ug/l		99
57) 1,3-Dichloropropane	10.71	76	1519998	96.518	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.69	63	1983026	549.066	ug/l		99
59) 2-Hexanone	10.75	43	4111448	446.314	ug/l		100
60) Dibromochloromethane	10.90	129	855188	105.601	ug/l		100
61) 1,2-Dibromoethane	11.00	107	860144	100.864	ug/l		99
64) Tetrachloroethene	10.63	164	816372	88.617	ug/l		99
65) Chlorobenzene	11.43	112	2275069	98.343	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.51	131	799674	100.086	ug/l		100
67) Ethyl Benzene	11.51	91	4224987	97.748	ug/l		100
68) m/p-Xylenes	11.62	106	3101682	199.398	ug/l		100
69) o-Xylene	11.95	106	1502840	98.435	ug/l		100
70) Styrene	11.96	104	2593867	106.309	ug/l		100
71) Bromoform	12.13	173	582849	108.925	ug/l	#	100
73) Isopropylbenzene	12.25	105	3969893	81.992	ug/l		100
74) N-amyl acetate	12.07	43	1620268	88.242	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.50	83	1211432	77.184	ug/l		100
76) 1,2,3-Trichloropropane	12.55	75	1078718m	81.346	ug/l		
77) Bromobenzene	12.53	156	942669	86.367	ug/l		99
78) n-propylbenzene	12.59	91	4593897	86.930	ug/l		100
79) 2-Chlorotoluene	12.67	91	2743036	83.412	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	3388790	86.125	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	332262	92.863	ug/l		96
82) 4-Chlorotoluene	12.77	91	2765925	88.948	ug/l		100
83) tert-Butylbenzene	12.99	119	2766474	82.119	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	3346534	92.767	ug/l		100
85) sec-Butylbenzene	13.17	105	3741966	83.689	ug/l		100
86) p-Isopropyltoluene	13.29	119	3300037	90.703	ug/l		100
87) 1,3-Dichlorobenzene	13.28	146	1631749	97.107	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	1590679	95.807	ug/l		100
89) n-Butylbenzene	13.61	91	2816734	100.879	ug/l		100
90) Hexachloroethane	13.87	117	532615	89.622	ug/l		100
91) 1,2-Dichlorobenzene	13.65	146	1586024	94.321	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	199400	89.561	ug/l		99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051419\
Data File : VN055590.D
Acq On : 14 May 2019 13:12
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
5/16/2019 1:31:53 PM

Quant Time: May 15 07:11:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051419W.M
Quant Title : SW846 8260
QLast Update : Wed May 15 06:47:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	739834	130.092	ug/l	99
94) Hexachlorobutadiene	15.01	225	455595	75.643	ug/l	99
95) Naphthalene	15.13	128	1967062	118.371	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	777251	116.573	ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051419\
Data File : VN055590.D
Acq On : 14 May 2019 13:12
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 15 07:11:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051419W.M
Quant Title : SW846 8260
QLast Update : Wed May 15 06:47:21 2019
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
5/16/2019 1:31:53 PM