Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051319\
Data File : VN055581.D
Acq On : 13 May 2019 17:51
Operator : JC/SP
Sample : K2840-05MS
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : KR-02_4-14

Manual Integrations APPROVED
MMDadoda
5/14/2019 9:42:58 AM

Quant Time: May 14 03:24:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	791114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1334869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1163148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	498642	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	553267	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.90%			
35) Dibromofluoromethane	7.59	113	447082	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.84%			
50) Toluene-d8	10.09	98	1727022	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.94%			
62) 4-Bromofluorobenzene	12.40	95	597028	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	332776	41.316	ug/l	99
3) Chloromethane	2.06	50	514070	39.286	ug/l	100
4) Vinyl Chloride	2.18	62	531333	43.016	ug/l	100
5) Bromomethane	2.53	94	289608	42.792	ug/l	99
6) Chloroethane	2.68	64	331880	46.128	ug/l	98
7) Trichlorofluoromethane	3.01	101	613637	45.284	ug/l	100
8) Diethyl Ether	3.41	74	289281	47.534	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	398319	46.201	ug/l	96
10) Methyl Iodide	3.94	142	505568	43.387	ug/l	98
11) Tert butyl alcohol	4.81	59	326885	185.862	ug/l	99
12) 1,1-Dichloroethene	3.72	96	407129	47.087	ug/l	97
13) Acrolein	3.60	56	268128	228.750	ug/l	98
14) Allyl chloride	4.31	41	778624	43.961	ug/l	98
15) Acrylonitrile	4.99	53	1161186	213.221	ug/l	99
16) Acetone	3.82	43	892934	161.898	ug/l	97
17) Carbon Disulfide	4.04	76	1017231	43.105	ug/l	99
18) Methyl Acetate	4.33	43	498447	42.909	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	1334920	46.464	ug/l	100
20) Methylene Chloride	4.54	84	492375	43.658	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	441888	47.137	ug/l	91
22) Diisopropyl ether	5.95	45	1673337	46.491	ug/l	98
23) Vinyl Acetate	5.90	43	6320784	227.080	ug/l	100
24) 1,1-Dichloroethane	5.85	63	889064	45.759	ug/l	100
25) 2-Butanone	6.84	43	1508063	197.938	ug/l	97
26) 2,2-Dichloropropane	6.82	77	583375	48.165	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	515921	47.620	ug/l	98
28) Bromochloromethane	7.19	49	466868	46.270	ug/l	94
29) Tetrahydrofuran	7.21	42	1023060	203.121	ug/l	97
30) Chloroform	7.37	83	832042	46.324	ug/l	100
31) Cyclohexane	7.65	56	804650	41.857	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	644897	47.149	ug/l	99
36) 1,1-Dichloropropene	7.79	75	637905	48.507	ug/l	98
37) Ethyl Acetate	6.93	43	610681	42.570	ug/l	99
38) Carbon Tetrachloride	7.77	117	525761	47.479	ug/l	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051319\
Data File : VN055581.D
Acq On : 13 May 2019 17:51
Operator : JC/SP
Sample : K2840-05MS
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
KR-02_4-14

Manual Integrations APPROVED
MMDadoda
5/14/2019 9:42:58 AM

Quant Time: May 14 03:24:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	725032	45.218	ug/l		98
40) Benzene	8.04	78	1958618	47.988	ug/l		99
41) Methacrylonitrile	7.17	41	324086	48.675	ug/l		98
42) 1,2-Dichloroethane	8.12	62	639899	44.626	ug/l		99
43) Isopropyl Acetate	8.17	43	992134	45.523	ug/l		96
44) Trichloroethene	8.83	130	481128	49.543	ug/l		96
45) 1,2-Dichloropropane	9.12	63	548343	46.955	ug/l		98
46) Dibromomethane	9.21	93	316436	46.748	ug/l		96
47) Bromodichloromethane	9.40	83	628415	48.528	ug/l		99
48) Methyl methacrylate	9.20	41	480312	45.742	ug/l		96
49) 1,4-Dioxane	9.20	88	170598	833.575	ug/l		96
51) 4-Methyl-2-Pentanone	9.99	43	3084136	215.169	ug/l		98
52) Toluene	10.15	92	1156102	49.547	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	645313	51.886	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	760632	51.181	ug/l		97
55) 1,1,2-Trichloroethane	10.56	97	460208	48.679	ug/l		98
56) Ethyl methacrylate	10.43	69	676288	48.093	ug/l		96
57) 1,3-Dichloropropane	10.71	76	814218	48.512	ug/l		100
59) 2-Hexanone	10.75	43	2082231	207.143	ug/l		98
60) Dibromochloromethane	10.90	129	441040	51.310	ug/l		100
61) 1,2-Dibromoethane	11.00	107	444366	48.920	ug/l		98
64) Tetrachloroethene	10.63	164	456674	47.915	ug/l		99
65) Chlorobenzene	11.43	112	1193018	49.854	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	414829	50.354	ug/l		99
67) Ethyl Benzene	11.51	91	2198301	48.912	ug/l		99
68) m/p-Xylenes	11.62	106	1603535	99.418	ug/l		99
69) o-Xylene	11.95	106	791385	49.920	ug/l		98
70) Styrene	11.96	104	1332330	52.457	ug/l		99
71) Bromoform	12.13	173	290288	52.217	ug/l	#	99
73) Isopropylbenzene	12.25	105	2074301	50.473	ug/l		100
74) N-amyl acetate	12.07	43	804699	42.506	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.50	83	637444	47.563	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	567247m	41.787	ug/l		
77) Bromobenzene	12.53	156	495582	45.098	ug/l		93
78) n-propylbenzene	12.59	91	2368540	44.286	ug/l		99
79) 2-Chlorotoluene	12.67	91	1424594	42.741	ug/l		98
80) 1,3,5-Trimethylbenzene	12.73	105	1762548	44.197	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	159319	43.306	ug/l		98
82) 4-Chlorotoluene	12.77	91	1410518	44.786	ug/l		97
83) tert-Butylbenzene	12.99	119	1462169	42.776	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	1708239	46.706	ug/l		99
85) sec-Butylbenzene	13.17	105	1951347	42.954	ug/l		99
86) p-Isopropyltoluene	13.29	119	1686626	45.619	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	824038	48.528	ug/l		98
88) 1,4-Dichlorobenzene	13.36	146	795392	47.464	ug/l		100
89) n-Butylbenzene	13.61	91	1356659	47.340	ug/l		99
90) Hexachloroethane	13.87	117	260679	43.223	ug/l		100
91) 1,2-Dichlorobenzene	13.65	146	812376	47.868	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	98620	43.010	ug/l		97
93) 1,2,4-Trichlorobenzene	14.91	180	336689	45.848	ug/l		96

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051319\
Data File : VN055581.D
Acq On : 13 May 2019 17:51
Operator : JC/SP
Sample : K2840-05MS
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
KR-02_4-14

Manual Integrations APPROVED
MMDadoda
5/14/2019 9:42:58 AM

Quant Time: May 14 03:24:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	242123	48.123	ug/l	99
95) Naphthalene	15.13	128	858313	41.796	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	353859	44.503	ug/l	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051319\
Data File : VN055581.D
Acq On : 13 May 2019 17:51
Operator : JC/SP
Sample : K2840-05MS
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 14 03:24:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
KR-02_4-14

Manual Integrations APPROVED
MMDadoda
5/14/2019 9:42:58 AM