Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071619\
Data File : VX010909.D
Acq On : 16 Jul 2019 16:19
Operator : JC/SP
Sample : K3591-07 0.75PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:38 AM

Quant Time: Jul 17 06:38:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 05:51:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	219752	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	330571	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	290482	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139838	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	106507	45.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.12%				
35) Dibromofluoromethane	5.50	113	93864	44.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.48%				
50) Toluene-d8	8.71	98	358053	45.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.00%				
62) 4-Bromofluorobenzene	11.13	95	123839	42.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.62%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	1004	0.489	ug/l		91
3) Chloromethane	1.33	50	1680	0.831	ug/l		93
4) Vinyl Chloride	1.41	62	1244	0.604	ug/l		99
5) Bromomethane	1.64	94	1717	1.478	ug/l		81
6) Chloroethane	1.72	64	1412	1.078	ug/l	#	77
7) Trichlorofluoromethane	1.93	101	2556	0.733	ug/l	#	80
8) Diethyl Ether	2.18	74	904	0.752	ug/l		100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1546	0.776	ug/l		91
10) Methyl Iodide	2.52	142	1361	0.521	ug/l		98
11) Tert butyl alcohol	3.03	59	5341	9.810	ug/l	#	92
12) 1,1-Dichloroethene	2.37	96	1205	0.616	ug/l	#	92
13) Acrolein	2.29	56	1414	4.495	ug/l		86
14) Allyl chloride	2.73	41	2384	0.838	ug/l	#	94
15) Acrylonitrile	3.15	53	3978	3.616	ug/l		97
16) Acetone	2.44	43	3601	3.410	ug/l	#	87
17) Carbon Disulfide	2.57	76	4126	0.822	ug/l		98
18) Methyl Acetate	2.78	43	2361	0.982	ug/l		95
19) Methyl tert-butyl Ether	3.19	73	3963	0.629	ug/l	#	90
20) Methylene Chloride	2.86	84	1801	0.805	ug/l		87
21) trans-1,2-Dichloroethene	3.17	96	1623	0.781	ug/l		95
22) Diisopropyl ether	3.85	45	4367	0.728	ug/l	#	90
23) Vinyl Acetate	3.82	43	13842	2.724	ug/l		99
24) 1,1-Dichloroethane	3.69	63	2546	0.731	ug/l	#	85
25) 2-Butanone	4.68	43	5029	3.318	ug/l		98
26) 2,2-Dichloropropane	4.59	77	1888	0.660	ug/l		100
27) cis-1,2-Dichloroethene	4.60	96	1817	0.756	ug/l		94
28) Bromochloromethane	5.03	49	1689	1.029	ug/l	#	75
29) Tetrahydrofuran	5.14	42	2627	2.736	ug/l	#	81
30) Chloroform	5.21	83	3071	0.816	ug/l	#	76
31) Cyclohexane	5.57	56	2334	0.735	ug/l		96
32) 1,1,1-Trichloroethane	5.49	97	2064	0.634	ug/l	#	44
36) 1,1-Dichloropropene	5.80	75	2177	0.802	ug/l	#	61
37) Ethyl Acetate	4.85	43	2168	0.780	ug/l	#	77
38) Carbon Tetrachloride	5.78	117	1931	0.682	ug/l	#	75

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071619\
Data File : VX010909.D
Acq On : 16 Jul 2019 16:19
Operator : JC/SP
Sample : K3591-07 0.75PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:38 AM

Quant Time: Jul 17 06:38:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 05:51:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	2157	0.613	ug/l		89
40) Benzene	6.14	78	5901	0.709	ug/l		95
41) Methacrylonitrile	5.05	41	950	0.602	ug/l	#	50
42) 1,2-Dichloroethane	6.20	62	2391	0.827	ug/l	#	73
43) Isopropyl Acetate	6.45	43	2996	0.655	ug/l	#	93
44) Trichloroethene	7.21	130	1670	0.678	ug/l		80
45) 1,2-Dichloropropane	7.52	63	1565	0.739	ug/l		92
46) Dibromomethane	7.67	93	953	0.630	ug/l		97
47) Bromodichloromethane	7.90	83	1603	0.595	ug/l	#	80
48) Methyl methacrylate	7.77	41	1422	0.638	ug/l		99
49) 1,4-Dioxane	7.75	88	955	15.329	ug/l	#	39
51) 4-Methyl-2-Pentanone	8.64	43	9065	3.059	ug/l		99
52) Toluene	8.78	92	3578	0.655	ug/l		98
53) t-1,3-Dichloropropene	9.04	75	1513	0.523	ug/l		95
54) cis-1,3-Dichloropropene	8.44	75	1895	0.588	ug/l		92
55) 1,1,2-Trichloroethane	9.21	97	1494	0.664	ug/l		90
56) Ethyl methacrylate	9.18	69	1927	0.586	ug/l	#	87
57) 1,3-Dichloropropane	9.37	76	2348	0.658	ug/l		93
58) 2-Chloroethyl Vinyl ether	8.31	63	4151	2.642	ug/l		92
59) 2-Hexanone	9.49	43	6074	2.642	ug/l		95
60) Dibromochloromethane	9.58	129	1143	0.502	ug/l		94
61) 1,2-Dibromoethane	9.67	107	1508	0.632	ug/l		92
64) Tetrachloroethene	9.33	164	1702	0.745	ug/l		86
65) Chlorobenzene	10.13	112	4159	0.697	ug/l		91
66) 1,1,1,2-Tetrachloroethane	10.21	131	1320	0.630	ug/l	#	63
67) Ethyl Benzene	10.25	91	6521	0.642	ug/l		96
68) m/p-Xylenes	10.35	106	5221	1.340	ug/l		95
69) o-Xylene	10.69	106	2702	0.711	ug/l		87
70) Styrene	10.71	104	3729	0.588	ug/l		94
71) Bromoform	10.86	173	799	0.478	ug/l	#	93
73) Isopropylbenzene	11.02	105	6109	0.647	ug/l		97
74) N-amyl acetate	10.90	43	2272	0.629	ug/l	#	93
75) 1,1,2,2-Tetrachloroethane	11.26	83	2046	0.662	ug/l		97
76) 1,2,3-Trichloropropane	11.30	75	1860m	0.737	ug/l		
77) Bromobenzene	11.26	156	1799	0.690	ug/l		94
78) n-propylbenzene	11.36	91	6589	0.631	ug/l		93
79) 2-Chlorotoluene	11.42	91	4524	0.721	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	5098	0.646	ug/l		94
81) trans-1,4-Dichloro-2-buten	11.07	75	450m	0.491	ug/l		
82) 4-Chlorotoluene	11.51	91	4935	0.676	ug/l		92
83) tert-Butylbenzene	11.77	119	4790	0.618	ug/l		91
84) 1,2,4-Trimethylbenzene	11.80	105	5096	0.640	ug/l		96
85) sec-Butylbenzene	11.94	105	5552	0.611	ug/l		91
86) p-Isopropyltoluene	12.06	119	5035	0.599	ug/l	#	85
87) 1,3-Dichlorobenzene	12.02	146	3216	0.711	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	3570m	0.770	ug/l		
89) n-Butylbenzene	12.38	91	4500	0.626	ug/l		97
90) Hexachloroethane	12.59	117	785	0.592	ug/l		96
91) 1,2-Dichlorobenzene	12.39	146	3063	0.683	ug/l		92
92) 1,2-Dibromo-3-Chloropropan	12.99	75	452	0.699	ug/l		70

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071619\
Data File : VX010909.D
Acq On : 16 Jul 2019 16:19
Operator : JC/SP
Sample : K3591-07 0.75PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:38 AM

Quant Time: Jul 17 06:38:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 05:51:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	2124	0.699	ug/l	96
94) Hexachlorobutadiene	13.78	225	1104	0.733	ug/l	98
95) Naphthalene	13.83	128	5407	0.603	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	2113	0.699	ug/l	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071619\
Data File : VX010909.D
Acq On : 16 Jul 2019 16:19
Operator : JC/SP
Sample : K3591-07 0.75PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 17 06:38:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 05:51:36 2019
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:38 AM