Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042219\
Data File : VX009084.D
Acq On : 22 Apr 2019 09:51
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
4/23/2019 10:30:42 AM

Quant Time: Apr 23 03:18:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	370323	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154185	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	149281	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.98%			
35) Dibromofluoromethane	5.49	113	110893	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.32%			
50) Toluene-d8	8.71	98	443431	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.56%			
62) 4-Bromofluorobenzene	11.13	95	154794	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	141226	52.653	ug/l	98
3) Chloromethane	1.32	50	155968	47.365	ug/l	99
4) Vinyl Chloride	1.41	62	155872	48.634	ug/l	98
5) Bromomethane	1.64	94	79889	40.590	ug/l	99
6) Chloroethane	1.71	64	90848	48.204	ug/l	97
7) Trichlorofluoromethane	1.92	101	180992	48.368	ug/l	100
8) Diethyl Ether	2.19	74	80059	46.782	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	110949	46.373	ug/l	99
10) Methyl Iodide	2.51	142	103145	40.363	ug/l	99
11) Tert butyl alcohol	3.06	59	161665	221.924	ug/l	100
12) 1,1-Dichloroethene	2.37	96	111112	44.494	ug/l	97
13) Acrolein	2.29	56	131292	208.589	ug/l	100
14) Allyl chloride	2.73	41	266862	48.981	ug/l	99
15) Acrylonitrile	3.14	53	424272	229.434	ug/l	100
16) Acetone	2.45	43	441504	259.424	ug/l	99
17) Carbon Disulfide	2.57	76	359736	49.046	ug/l	100
18) Methyl Acetate	2.77	43	189300	44.568	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	425497	47.819	ug/l	99
20) Methylene Chloride	2.85	84	133525	45.879	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	124367	46.691	ug/l	95
22) Diisopropyl ether	3.85	45	515400	48.683	ug/l	91
23) Vinyl Acetate	3.81	43	2308525	248.060	ug/l	99
24) 1,1-Dichloroethane	3.70	63	253219	47.647	ug/l	100
25) 2-Butanone	4.67	43	670019	246.302	ug/l	99
26) 2,2-Dichloropropane	4.58	77	195441	49.061	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	141486	46.785	ug/l	98
28) Bromochloromethane	5.01	49	108852	49.284	ug/l	99
29) Tetrahydrofuran	5.12	42	415443	228.170	ug/l	99
30) Chloroform	5.21	83	228184	47.982	ug/l	98
31) Cyclohexane	5.57	56	261753	50.077	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	191592	48.609	ug/l	100
36) 1,1-Dichloropropene	5.80	75	185696	48.485	ug/l	99
37) Ethyl Acetate	4.83	43	239431	48.583	ug/l	99
38) Carbon Tetrachloride	5.78	117	162518	50.053	ug/l	97

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042219\
Data File : VX009084.D
Acq On : 22 Apr 2019 09:51
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
4/23/2019 10:30:42 AM

Quant Time: Apr 23 03:18:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	237705	50.976	ug/l		98
40) Benzene	6.14	78	550366	48.711	ug/l		100
41) Methacrylonitrile	5.04	41	136404	48.225	ug/l		99
42) 1,2-Dichloroethane	6.19	62	192220	48.026	ug/l		100
43) Isopropyl Acetate	6.44	43	384932	48.468	ug/l		100
44) Trichloroethene	7.21	130	131509	47.504	ug/l		100
45) 1,2-Dichloropropane	7.51	63	155626	49.649	ug/l		99
46) Dibromomethane	7.66	93	87418	47.921	ug/l		99
47) Bromodichloromethane	7.89	83	178391	49.858	ug/l		99
48) Methyl methacrylate	7.77	41	191866	48.893	ug/l		100
49) 1,4-Dioxane	7.74	88	64977	884.662	ug/l		98
51) 4-Methyl-2-Pentanone	8.64	43	1191937	235.579	ug/l		99
52) Toluene	8.78	92	330350	48.786	ug/l		99
53) t-1,3-Dichloropropene	9.04	75	213353	51.813	ug/l		100
54) cis-1,3-Dichloropropene	8.43	75	234357	50.829	ug/l		99
55) 1,1,2-Trichloroethane	9.21	97	130813	48.743	ug/l		98
56) Ethyl methacrylate	9.18	69	234698	48.772	ug/l		99
57) 1,3-Dichloropropane	9.37	76	232175	48.589	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.31	63	614287	237.052	ug/l		100
59) 2-Hexanone	9.49	43	938569	240.607	ug/l		100
60) Dibromochloromethane	9.58	129	133498	51.902	ug/l		99
61) 1,2-Dibromoethane	9.67	107	135839	49.042	ug/l		100
64) Tetrachloroethene	9.34	164	122613	49.990	ug/l		99
65) Chlorobenzene	10.13	112	337202	49.480	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.22	131	120795	50.315	ug/l		100
67) Ethyl Benzene	10.25	91	628312	50.435	ug/l		100
68) m/p-Xylenes	10.36	106	458837	101.344	ug/l		99
69) o-Xylene	10.69	106	219267	49.773	ug/l		99
70) Styrene	10.71	104	381159	49.928	ug/l		99
71) Bromoform	10.85	173	96678	50.546	ug/l	#	98
73) Isopropylbenzene	11.02	105	590833	50.554	ug/l		100
74) N-amyl acetate	10.90	43	322820	48.107	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.27	83	197875	46.339	ug/l		99
76) 1,2,3-Trichloropropane	11.29	75	174451m	46.336	ug/l		
77) Bromobenzene	11.26	156	139620	47.349	ug/l		99
78) n-propylbenzene	11.36	91	690762	51.495	ug/l		100
79) 2-Chlorotoluene	11.42	91	397056	49.120	ug/l		100
80) 1,3,5-Trimethylbenzene	11.51	105	500124	50.995	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.07	75	72192	49.228	ug/l		98
82) 4-Chlorotoluene	11.51	91	465665	49.603	ug/l		100
83) tert-Butylbenzene	11.77	119	471748	50.101	ug/l		100
84) 1,2,4-Trimethylbenzene	11.80	105	504210	50.507	ug/l		99
85) sec-Butylbenzene	11.94	105	575986	51.290	ug/l		100
86) p-Isopropyltoluene	12.06	119	528683	51.206	ug/l		100
87) 1,3-Dichlorobenzene	12.02	146	252052	48.838	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	251216	48.018	ug/l		100
89) n-Butylbenzene	12.38	91	498597	51.854	ug/l		100
90) Hexachloroethane	12.60	117	89627	52.626	ug/l		98
91) 1,2-Dichlorobenzene	12.39	146	244691	48.014	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44420	45.687	ug/l		99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042219\
Data File : VX009084.D
Acq On : 22 Apr 2019 09:51
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
4/23/2019 10:30:42 AM

Quant Time: Apr 23 03:18:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	180683	49.114	ug/l	99
94) Hexachlorobutadiene	13.78	225	92946	50.657	ug/l	99
95) Naphthalene	13.83	128	566120	48.032	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	178957	49.302	ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042219\
Data File : VX009084.D
Acq On : 22 Apr 2019 09:51
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 23 03:18:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
4/23/2019 10:30:42 AM