Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081018\
Data File : VX003965.D
Acq On : 10 Aug 2018 09:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
8/13/2018 11:01:55 AM

Quant Time: Aug 11 02:00:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	286204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	413233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	242953	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	201360	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.14%			
35) Dibromofluoromethane	5.50	113	165288	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.40%			
50) Toluene-d8	8.71	98	627614	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.00%			
62) 4-Bromofluorobenzene	11.14	95	227181	55.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.76%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	123064	42.43	ug/l	99
3) Chloromethane	1.32	50	161158	40.84	ug/l	100
4) Vinyl Chloride	1.40	62	170488	43.32	ug/l	100
5) Bromomethane	1.64	94	86032	40.99	ug/l	99
6) Chloroethane	1.71	64	124854	49.59	ug/l	97
7) Trichlorofluoromethane	1.92	101	229973	44.26	ug/l	98
8) Diethyl Ether	2.19	74	119651	51.23	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	141507	43.57	ug/l	99
10) Methyl Iodide	2.51	142	120209	29.75	ug/l	99
11) Tert butyl alcohol	3.07	59	207822	227.96	ug/l	100
12) 1,1-Dichloroethene	2.37	96	138436	45.07	ug/l	99
13) Acrolein	2.29	56	178410	384.36	ug/l	100
14) Allyl chloride	2.73	41	289066	48.82	ug/l	98
15) Acrylonitrile	3.15	53	525849	241.73	ug/l	99
16) Acetone	2.45	43	589667	261.25	ug/l	99
17) Carbon Disulfide	2.57	76	380962	43.81	ug/l	99
18) Methyl Acetate	2.78	43	255895	52.07	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	575742	52.89	ug/l	98
20) Methylene Chloride	2.86	84	183301	51.59	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	162250	46.52	ug/l	97
22) Diisopropyl ether	3.87	45	590633	54.26	ug/l	98
23) Vinyl Acetate	3.82	43	2527480	279.07	ug/l	99
24) 1,1-Dichloroethane	3.70	63	319269	49.38	ug/l	99
25) 2-Butanone	4.70	43	869916	256.35	ug/l	99
26) 2,2-Dichloropropane	4.58	77	246387	52.84	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	197229	52.12	ug/l	97
28) Bromochloromethane	5.02	49	145913	52.73	ug/l	99
29) Tetrahydrofuran	5.15	42	433458	248.51	ug/l	99
30) Chloroform	5.21	83	318014	52.24	ug/l	98
31) Cyclohexane	5.57	56	237371	43.41	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	252577	49.48	ug/l	99
36) 1,1-Dichloropropene	5.80	75	224693	46.62	ug/l	99
37) Ethyl Acetate	4.85	43	260706	49.17	ug/l	100
38) Carbon Tetrachloride	5.78	117	216742	47.25	ug/l	96

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081018\
Data File : VX003965.D
Acq On : 10 Aug 2018 09:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
8/13/2018 11:01:55 AM

Quant Time: Aug 11 02:00:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	237030	41.71	ug/l		99
40) Benzene	6.14	78	723392	49.98	ug/l		100
41) Methacrylonitrile	5.06	41	147020	50.35	ug/l		99
42) 1,2-Dichloroethane	6.20	62	257877	52.70	ug/l		100
43) Isopropyl Acetate	6.46	43	412016	51.64	ug/l		99
44) Trichloroethene	7.21	130	192418	48.61	ug/l		92
45) 1,2-Dichloropropane	7.51	63	190917	51.08	ug/l		99
46) Dibromomethane	7.66	93	126666	52.20	ug/l		100
47) Bromodichloromethane	7.90	83	244527	53.50	ug/l		99
48) Methyl methacrylate	7.77	41	215892	53.23	ug/l		99
49) 1,4-Dioxane	7.76	88	94046	984.35	ug/l		99
51) 4-Methyl-2-Pentanone	8.65	43	1718478	259.85	ug/l		100
52) Toluene	8.79	92	465749	50.93	ug/l		100
53) t-1,3-Dichloropropene	9.04	75	282874	54.75	ug/l		99
54) cis-1,3-Dichloropropene	8.43	75	305177	54.78	ug/l		100
55) 1,1,2-Trichloroethane	9.21	97	198771	53.19	ug/l		99
56) Ethyl methacrylate	9.18	69	299051	55.16	ug/l		99
57) 1,3-Dichloropropane	9.37	76	333939	53.39	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.31	63	729936	273.79	ug/l		100
59) 2-Hexanone	9.50	43	1330489	269.14	ug/l		100
60) Dibromochloromethane	9.59	129	200509	57.55	ug/l		100
61) 1,2-Dibromoethane	9.67	107	204862	54.75	ug/l		100
64) Tetrachloroethene	9.34	164	175247	43.11	ug/l		96
65) Chlorobenzene	10.14	112	529186	49.22	ug/l		95
66) 1,1,1,2-Tetrachloroethane	10.23	131	186785	50.53	ug/l		98
67) Ethyl Benzene	10.25	91	861221	48.93	ug/l		99
68) m/p-Xylenes	10.36	106	668187	97.15	ug/l		96
69) o-Xylene	10.70	106	332278	51.18	ug/l		96
70) Styrene	10.71	104	586971	55.22	ug/l		97
71) Bromoform	10.86	173	150267	48.06	ug/l	#	97
73) Isopropylbenzene	11.02	105	824087	45.85	ug/l		99
74) N-amyl acetate	6.46	43	412016	44.08	ug/l	#	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	287988	46.75	ug/l		97
76) 1,2,3-Trichloropropane	11.30	75	254163m	47.36	ug/l		
77) Bromobenzene	11.26	156	220875	46.07	ug/l		99
78) n-propylbenzene	11.36	91	894777	44.34	ug/l		99
79) 2-Chlorotoluene	11.42	91	559019	45.43	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	664886	45.37	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.07	75	85063	43.43	ug/l		98
82) 4-Chlorotoluene	11.51	91	671916	46.61	ug/l		100
83) tert-Butylbenzene	11.77	119	680723	47.22	ug/l		98
84) 1,2,4-Trimethylbenzene	11.81	105	723187	49.08	ug/l		100
85) sec-Butylbenzene	11.94	105	779186	45.80	ug/l		99
86) p-Isopropyltoluene	12.07	119	714231	46.78	ug/l		98
87) 1,3-Dichlorobenzene	12.02	146	427352	48.22	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	449470	52.90	ug/l		99
89) n-Butylbenzene	12.39	91	614791	46.21	ug/l		99
90) Hexachloroethane	12.60	117	108818	43.90	ug/l		98
91) 1,2-Dichlorobenzene	12.40	146	439856	50.07	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60941	48.29	ug/l		96

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081018\
Data File : VX003965.D
Acq On : 10 Aug 2018 09:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 11 02:00:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
8/13/2018 11:01:55 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	295126	46.71	ug/l	96
94) Hexachlorobutadiene	13.79	225	117835	42.34	ug/l	98
95) Naphthalene	13.83	128	973752	53.81	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	328588	52.11	ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081018\
Data File : VX003965.D
Acq On : 10 Aug 2018 09:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 11 02:00:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
8/13/2018 11:01:55 AM