Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
Data File : VX012826.D
Acq On : 04 Oct 2019 20:51
Operator : JC/SP
Sample : K5189-10MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Manual Integrations APPROVED
MMDadoda
10/7/2019 9:26:37 AM

Quant Time: Oct 05 06:40:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	155623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109735	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.84%			
35) Dibromofluoromethane	5.48	113	86281	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.94%			
50) Toluene-d8	8.71	98	319852	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.06%			
62) 4-Bromofluorobenzene	11.14	95	123463	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	71232	40.687	ug/l	97
3) Chloromethane	1.31	50	83667	41.618	ug/l	99
4) Vinyl Chloride	1.40	62	88371	44.225	ug/l	98
5) Bromomethane	1.62	94	31482	40.072	ug/l	99
6) Chloroethane	1.70	64	57351	42.575	ug/l	97
7) Trichlorofluoromethane	1.92	101	128354	45.751	ug/l	99
8) Diethyl Ether	2.18	74	53250	46.316	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79749	46.671	ug/l	97
10) Methyl Iodide	2.50	142	82442	46.214	ug/l	93
11) Tert butyl alcohol	3.04	59	142394	251.533	ug/l	99
12) 1,1-Dichloroethene	2.36	96	83634	49.984	ug/l	98
13) Acrolein	2.28	56	76810	243.830	ug/l	98
14) Allyl chloride	2.72	41	144846	43.632	ug/l	96
15) Acrylonitrile	3.13	53	286475	249.432	ug/l	98
16) Acetone	2.44	43	254888	212.345	ug/l	95
17) Carbon Disulfide	2.56	76	212878	45.382	ug/l	99
18) Methyl Acetate	2.76	43	107746	38.121	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	318291	50.257	ug/l	99
20) Methylene Chloride	2.84	84	98037	48.289	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	89045	48.036	ug/l	97
22) Diisopropyl ether	3.84	45	311851	48.616	ug/l	92
23) Vinyl Acetate	3.80	43	1001577	178.051	ug/l	97
24) 1,1-Dichloroethane	3.69	63	171724	49.250	ug/l	98
25) 2-Butanone	4.66	43	395442	229.758	ug/l	96
26) 2,2-Dichloropropane	4.57	77	65293	21.055	ug/l	89
27) cis-1,2-Dichloroethene	4.59	96	106246	49.397	ug/l	87
28) Bromochloromethane	5.00	49	61424	48.516	ug/l	94
29) Tetrahydrofuran	5.11	42	253737	241.878	ug/l	95
30) Chloroform	5.20	83	173194	48.551	ug/l	98
31) Cyclohexane	5.57	56	147380	46.722	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	151322	47.863	ug/l	99
36) 1,1-Dichloropropene	5.79	75	124634	46.384	ug/l	97
37) Ethyl Acetate	4.82	43	117703	37.468	ug/l	99
38) Carbon Tetrachloride	5.78	117	127762	46.807	ug/l	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
Data File : VX012826.D
Acq On : 04 Oct 2019 20:51
Operator : JC/SP
Sample : K5189-10MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Manual Integrations APPROVED
MMDadoda
10/7/2019 9:26:37 AM

Quant Time: Oct 05 06:40:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	7.46	83	141863	43.855 ug/l	98
40) Benzene	6.13	78	385197	48.722 ug/l	97
41) Methacrylonitrile	5.03	41	82679	46.909 ug/l	94
42) 1,2-Dichloroethane	6.19	62	141765	47.220 ug/l	98
43) Isopropyl Acetate	6.44	43	211763	40.310 ug/l	97
44) Trichloroethene	7.20	130	100176	49.565 ug/l	100
45) 1,2-Dichloropropane	7.51	63	101027	49.912 ug/l	98
46) Dibromomethane	7.65	93	67220	48.776 ug/l	98
47) Bromodichloromethane	7.89	83	135452	49.178 ug/l	100
48) Methyl methacrylate	7.76	41	118784	47.155 ug/l	92
49) 1,4-Dioxane	7.73	88	58566	1025.047 ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	773314	238.468 ug/l	95
52) Toluene	8.78	92	243167	48.937 ug/l	99
53) t-1,3-Dichloropropene	9.04	75	132105	43.350 ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	145992	43.877 ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	99880	50.559 ug/l	97
56) Ethyl methacrylate	9.17	69	165534	49.877 ug/l	91
57) 1,3-Dichloropropane	9.37	76	170710	49.374 ug/l	100
59) 2-Hexanone	9.49	43	596945	240.491 ug/l	93
60) Dibromochloromethane	9.58	129	104754	52.382 ug/l	99
61) 1,2-Dibromoethane	9.67	107	102364	49.789 ug/l	98
64) Tetrachloroethene	9.33	164	85341	49.213 ug/l	97
65) Chlorobenzene	10.14	112	256053	48.889 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96332	50.764 ug/l	99
67) Ethyl Benzene	10.25	91	463387	48.781 ug/l	100
68) m/p-Xylenes	10.36	106	346114	97.264 ug/l	99
69) o-Xylene	10.70	106	166491	48.353 ug/l	97
70) Styrene	10.71	104	292315	50.640 ug/l	99
71) Bromoform	10.85	173	71407	54.041 ug/l	99
73) Isopropylbenzene	11.01	105	455717	48.819 ug/l	100
74) N-amyl acetate	10.89	43	162637	36.520 ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	158282	51.198 ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	145939m	48.137 ug/l	
77) Bromobenzene	11.25	156	104400	49.415 ug/l	99
78) n-propylbenzene	11.35	91	496513	47.245 ug/l	100
79) 2-Chlorotoluene	11.42	91	311604	47.530 ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	377197	48.186 ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	37552	35.496 ug/l	99
82) 4-Chlorotoluene	11.51	91	351126	46.983 ug/l	99
83) tert-Butylbenzene	11.76	119	368741	48.833 ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	377154	47.761 ug/l	99
85) sec-Butylbenzene	11.94	105	419826	47.801 ug/l	100
86) p-Isopropyltoluene	12.06	119	385591	48.656 ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	188993	49.708 ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	187473	48.796 ug/l	99
89) n-Butylbenzene	12.39	91	312536	44.755 ug/l	100
90) Hexachloroethane	12.59	117	69875	49.457 ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	187776	49.331 ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39792	51.455 ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	116564	50.214 ug/l	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
Data File : VX012826.D
Acq On : 04 Oct 2019 20:51
Operator : JC/SP
Sample : K5189-10MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Manual Integrations APPROVED
MMDadoda
10/7/2019 9:26:37 AM

Quant Time: Oct 05 06:40:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	48723	48.789	ug/l	96
95) Naphthalene	13.83	128	417718	49.736	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	118383	50.909	ug/l	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
Data File : VX012826.D
Acq On : 04 Oct 2019 20:51
Operator : JC/SP
Sample : K5189-10MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 05 06:40:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Manual Integrations APPROVED
MMDadoda
10/7/2019 9:26:37 AM