Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090919\
Data File : VW012840.D
Acq On : 10 Sep 2019 00:11
Operator : SY/VA
Sample : VW0909SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Manual Integrations APPROVED
MMDadoda
9/11/2019 8:15:45 AM

Quant Time: Sep 10 07:44:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	198303	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	300193	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	264646	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	131494	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	108016	48.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.50%				
35) Dibromofluoromethane	7.88	113	86354	48.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.76%				
50) Toluene-d8	10.32	98	350041	50.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.12%				
62) 4-Bromofluorobenzene	12.62	95	122769	48.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.74%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	18343	17.063	ug/l		98
3) Chloromethane	2.21	50	25074	19.192	ug/l		94
4) Vinyl Chloride	2.36	62	31464	19.641	ug/l		100
5) Bromomethane	2.75	94	18180	20.899	ug/l		97
6) Chloroethane	2.90	64	18378	19.225	ug/l	#	86
7) Trichlorofluoromethane	3.24	101	17969	16.255	ug/l		98
8) Diethyl Ether	3.68	74	20147	21.684	ug/l		97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	31944	18.414	ug/l		95
10) Methyl Iodide	4.26	142	41489	18.998	ug/l		98
11) Tert butyl alcohol	5.19	59	18290	107.890	ug/l	#	87
12) 1,1-Dichloroethene	4.03	96	29860	18.234	ug/l		99
13) Acrolein	3.89	56	12537	69.690	ug/l		94
14) Allyl chloride	4.66	41	60113	17.745	ug/l		99
15) Acrylonitrile	5.37	53	54724	100.842	ug/l		98
16) Acetone	4.12	43	49509	81.963	ug/l		96
17) Carbon Disulfide	4.38	76	60786	17.487	ug/l		99
18) Methyl Acetate	4.67	43	35474	25.031	ug/l		99
19) Methyl tert-butyl Ether	5.43	73	66679	20.531	ug/l		95
20) Methylene Chloride	4.91	84	39719	21.018	ug/l		85
21) trans-1,2-Dichloroethene	5.42	96	33084	19.799	ug/l		93
22) Diisopropyl ether	6.31	45	129830	19.323	ug/l		97
23) Vinyl Acetate	6.25	43	391998	92.059	ug/l		100
24) 1,1-Dichloroethane	6.21	63	68157	18.839	ug/l		98
25) 2-Butanone	7.17	43	75369	97.751	ug/l		94
26) 2,2-Dichloropropane	7.16	77	38244	16.737	ug/l		98
27) cis-1,2-Dichloroethene	7.17	96	39394	20.332	ug/l		94
28) Bromochloromethane	7.51	49	29932	18.018	ug/l	#	91
29) Tetrahydrofuran	7.52	42	51983	106.568	ug/l		97
30) Chloroform	7.67	83	69405	19.358	ug/l		98
31) Cyclohexane	7.95	56	59673	18.322	ug/l	#	91
32) 1,1,1-Trichloroethane	7.87	97	55484	19.091	ug/l		97
36) 1,1-Dichloropropene	8.08	75	50040	18.761	ug/l		98
37) Ethyl Acetate	7.25	43	34716	20.417	ug/l		99
38) Carbon Tetrachloride	8.06	117	49258	18.734	ug/l		95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090919\
Data File : VW012840.D
Acq On : 10 Sep 2019 00:11
Operator : SY/VA
Sample : VW0909SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Manual Integrations APPROVED
MMDadoda
9/11/2019 8:15:45 AM

Quant Time: Sep 10 07:44:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.33	83	57639	19.240	ug/l		97
40) Benzene	8.32	78	144682	19.550	ug/l		98
41) Methacrylonitrile	7.48	41	23310	22.458	ug/l		97
42) 1,2-Dichloroethane	8.40	62	51087	19.615	ug/l		97
43) Isopropyl Acetate	8.42	43	63626	19.751	ug/l		97
44) Trichloroethene	9.09	130	38920	20.402	ug/l		85
45) 1,2-Dichloropropane	9.37	63	39597	19.292	ug/l		99
46) Dibromomethane	9.46	93	19092	19.643	ug/l		94
47) Bromodichloromethane	9.64	83	49739	18.601	ug/l		99
48) Methyl methacrylate	9.44	41	29402	19.099	ug/l		99
49) 1,4-Dioxane	9.46	88	8052	419.399	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.21	43	168820	99.873	ug/l		99
52) Toluene	10.38	92	90823	19.663	ug/l		99
53) t-1,3-Dichloropropene	10.60	75	50163	18.243	ug/l		100
54) cis-1,3-Dichloropropene	10.07	75	58571	18.777	ug/l		97
55) 1,1,2-Trichloroethane	10.79	97	30401	20.892	ug/l		93
56) Ethyl methacrylate	10.65	69	43217	20.289	ug/l		96
57) 1,3-Dichloropropane	10.93	76	54312	20.176	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.92	63	113526	100.395	ug/l		97
59) 2-Hexanone	10.97	43	116479	94.320	ug/l		98
60) Dibromochloromethane	11.13	129	33227	19.416	ug/l		100
61) 1,2-Dibromoethane	11.23	107	28029	21.010	ug/l		99
64) Tetrachloroethene	10.86	164	34466	21.463	ug/l		95
65) Chlorobenzene	11.66	112	96386	19.270	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.73	131	37009	19.868	ug/l		99
67) Ethyl Benzene	11.73	91	180466	19.230	ug/l		99
68) m/p-Xylenes	11.83	106	131547	38.833	ug/l		99
69) o-Xylene	12.16	106	63941	20.008	ug/l		93
70) Styrene	12.18	104	112015	19.835	ug/l		98
71) Bromoform	12.35	173	20924	20.218	ug/l	#	98
73) Isopropylbenzene	12.46	105	181943	19.292	ug/l		99
74) N-amyl acetate	12.27	43	54351	18.156	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.71	83	36612	19.330	ug/l		98
76) 1,2,3-Trichloropropane	12.77	75	29939m	22.266	ug/l		
77) Bromobenzene	12.74	156	42063	19.686	ug/l		95
78) n-propylbenzene	12.80	91	209237	18.550	ug/l		99
79) 2-Chlorotoluene	12.89	91	123303	19.042	ug/l		100
80) 1,3,5-Trimethylbenzene	12.94	105	152713	19.216	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.51	75	10943	17.214	ug/l		96
82) 4-Chlorotoluene	12.99	91	126102	18.411	ug/l		97
83) tert-Butylbenzene	13.21	119	133668	19.023	ug/l		96
84) 1,2,4-Trimethylbenzene	13.25	105	151116	18.871	ug/l		100
85) sec-Butylbenzene	13.38	105	181873	18.652	ug/l		100
86) p-Isopropyltoluene	13.50	119	165004	18.526	ug/l		99
87) 1,3-Dichlorobenzene	13.50	146	81348	19.370	ug/l		97
88) 1,4-Dichlorobenzene	13.58	146	79731	19.079	ug/l		99
89) n-Butylbenzene	13.82	91	151443	17.515	ug/l		99
90) Hexachloroethane	14.09	117	28638	18.419	ug/l		97
91) 1,2-Dichlorobenzene	13.87	146	73356	19.406	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6446	18.597	ug/l		96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090919\
Data File : VW012840.D
Acq On : 10 Sep 2019 00:11
Operator : SY/VA
Sample : VW0909SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Manual Integrations APPROVED
MMDadoda
9/11/2019 8:15:45 AM

Quant Time: Sep 10 07:44:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	50179	19.066	ug/l	98
94) Hexachlorobutadiene	15.24	225	33823	18.567	ug/l	98
95) Naphthalene	15.36	128	99750	20.915	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	45823	19.725	ug/l	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090919\
Data File : VW012840.D
Acq On : 10 Sep 2019 00:11
Operator : SY/VA
Sample : VW0909SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 10 07:44:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Manual Integrations APPROVED
MMDadoda
9/11/2019 8:15:45 AM