Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100218\
Data File : VU027337.D
Acq On : 02 Oct 2018 10:18
Operator : MD/SY
Sample : VU1002WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1002WBS01

Manual Integrations APPROVED
MMDadoda
10/3/2018 6:14:44 PM

Quant Time: Oct 03 02:14:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	101513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	168423	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	158692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	78141	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.20%			
35) Dibromofluoromethane	4.88	113	55047	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.38%			
50) Toluene-d8	7.57	98	206643	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.66%			
62) 4-Bromofluorobenzene	10.31	95	72315	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	28607	19.547	ug/l	96
3) Chloromethane	1.33	50	38001	19.179	ug/l	98
4) Vinyl Chloride	1.40	62	35048	18.817	ug/l	100
5) Bromomethane	1.62	94	14533	18.032	ug/l	100
6) Chloroethane	1.70	64	19862	17.746	ug/l	99
7) Trichlorofluoromethane	1.88	101	37451	19.817	ug/l	98
8) Diethyl Ether	2.10	74	16447	18.892	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	21526	19.613	ug/l	98
10) Methyl Iodide	2.41	142	14048	20.519	ug/l	98
11) Tert butyl alcohol	2.83	59	32528	91.126	ug/l	100
12) 1,1-Dichloroethene	2.28	96	19747	18.416	ug/l	96
13) Acrolein	2.19	56	22811	76.157	ug/l	99
14) Allyl chloride	2.59	41	46590	18.297	ug/l	98
15) Acrylonitrile	2.94	53	86020	92.588	ug/l	100
16) Acetone	2.32	43	90103	89.978	ug/l	100
17) Carbon Disulfide	2.48	76	68692	17.762	ug/l	100
18) Methyl Acetate	2.62	43	43253	18.934	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	79513	18.507	ug/l	100
20) Methylene Chloride	2.70	84	25726	18.443	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	21839	18.141	ug/l	97
22) Diisopropyl ether	3.57	45	99529	19.231	ug/l	96
23) Vinyl Acetate	3.52	43	424302	93.878	ug/l	98
24) 1,1-Dichloroethane	3.45	63	50887	19.126	ug/l	99
25) 2-Butanone	4.26	43	127340	93.251	ug/l	100
26) 2,2-Dichloropropane	4.22	77	40892	18.705	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	25239	18.333	ug/l	97
28) Bromochloromethane	4.55	49	25001	19.477	ug/l	97
29) Tetrahydrofuran	4.64	42	79447	92.317	ug/l	100
30) Chloroform	4.67	83	45792	19.372	ug/l	99
31) Cyclohexane	5.00	56	49503	18.057	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	37659	18.916	ug/l	96
36) 1,1-Dichloropropene	5.14	75	34304	18.759	ug/l	100
37) Ethyl Acetate	4.38	43	44768	18.942	ug/l	99
38) Carbon Tetrachloride	5.13	117	32349	19.583	ug/l	97

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100218\
Data File : VU027337.D
Acq On : 02 Oct 2018 10:18
Operator : MD/SY
Sample : VU1002WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 03 02:14:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VU1002WBS01

Manual Integrations APPROVED
MMDadoda
10/3/2018 6:14:44 PM

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	6.42	83	38373	17.951 ug/l		99
40) Benzene	5.39	78	103515	19.433 ug/l		99
41) Methacrylonitrile	4.54	41	25329	18.961 ug/l		98
42) 1,2-Dichloroethane	5.40	62	39521	19.988 ug/l		98
43) Isopropyl Acetate	5.55	43	70589	19.231 ug/l		99
44) Trichloroethene	6.19	130	22281	18.759 ug/l		97
45) 1,2-Dichloropropane	6.43	63	30597	19.915 ug/l		98
46) Dibromomethane	6.56	93	17215	19.839 ug/l		98
47) Bromodichloromethane	6.76	83	34581	19.206 ug/l		99
48) Methyl methacrylate	6.62	41	33995	18.624 ug/l		98
49) 1,4-Dioxane	6.61	88	12955	412.493 ug/l		97
51) 4-Methyl-2-Pentanone	7.46	43	234282	98.223 ug/l		98
52) Toluene	7.64	92	60835	19.295 ug/l		96
53) t-1,3-Dichloropropene	7.88	75	38890	18.421 ug/l		98
54) cis-1,3-Dichloropropene	7.27	75	43848	19.320 ug/l		97
55) 1,1,2-Trichloroethane	8.07	97	24127	19.301 ug/l		96
56) Ethyl methacrylate	8.02	69	37379	17.177 ug/l		96
57) 1,3-Dichloropropane	8.24	76	46986	19.362 ug/l		99
58) 2-Chloroethyl Vinyl ether	7.13	63	106532	86.599 ug/l		99
59) 2-Hexanone	8.36	43	176894	95.605 ug/l		98
60) Dibromochloromethane	8.48	129	24884	19.848 ug/l		96
61) 1,2-Dibromoethane	8.59	107	25442	19.142 ug/l		99
64) Tetrachloroethene	8.23	164	19422	19.660 ug/l		99
65) Chlorobenzene	9.12	112	61656	18.458 ug/l		100
66) 1,1,1,2-Tetrachloroethane	9.21	131	22292	19.331 ug/l		100
67) Ethyl Benzene	9.25	91	108317	18.302 ug/l		99
68) m/p-Xylenes	9.38	106	80397	37.139 ug/l		99
69) o-Xylene	9.78	106	38806	18.864 ug/l		100
70) Styrene	9.79	104	62715	17.858 ug/l		98
71) Bromoform	9.96	173	17048	18.375 ug/l	#	97
73) Isopropylbenzene	10.17	105	105284	19.334 ug/l		100
74) N-amyl acetate	10.02	43	57685	18.504 ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.46	83	41801	19.549 ug/l		98
76) 1,2,3-Trichloropropane	10.49	75	37403m	19.244 ug/l		
77) Bromobenzene	10.45	156	24284	19.188 ug/l		97
78) n-propylbenzene	10.59	91	124451	19.019 ug/l		99
79) 2-Chlorotoluene	10.66	91	75582	19.130 ug/l		99
80) 1,3,5-Trimethylbenzene	10.77	105	87256	19.681 ug/l		98
81) trans-1,4-Dichloro-2-buten	10.51	75	10724m	14.440 ug/l		
82) 4-Chlorotoluene	10.77	91	86140	19.213 ug/l		98
83) tert-Butylbenzene	11.10	119	82197	19.178 ug/l		100
84) 1,2,4-Trimethylbenzene	11.15	105	88428	19.526 ug/l		100
85) sec-Butylbenzene	11.32	105	102797	19.036 ug/l		99
86) p-Isopropyltoluene	11.48	119	88400	19.119 ug/l		99
87) 1,3-Dichlorobenzene	11.42	146	43611	18.198 ug/l		98
88) 1,4-Dichlorobenzene	11.51	146	44462	18.156 ug/l		97
89) n-Butylbenzene	11.89	91	77547	17.138 ug/l		98
90) Hexachloroethane	12.15	117	16992	19.496 ug/l		98
91) 1,2-Dichlorobenzene	11.88	146	43413	18.611 ug/l		98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	8951	18.888 ug/l		97

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100218\
Data File : VU027337.D
Acq On : 02 Oct 2018 10:18
Operator : MD/SY
Sample : VU1002WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1002WBS01

Manual Integrations APPROVED
MMDadoda
10/3/2018 6:14:44 PM

Quant Time: Oct 03 02:14:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	26065	17.269	ug/l	98
94) Hexachlorobutadiene	13.69	225	13967	18.315	ug/l	97
95) Naphthalene	13.75	128	86046	16.335	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	27177	17.283	ug/l	95

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100218\
Data File : VU027337.D
Acq On : 02 Oct 2018 10:18
Operator : MD/SY
Sample : VU1002WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 03 02:14:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU1002WBS01

Manual Integrations APPROVED
MMDadoda
10/3/2018 6:14:44 PM