Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071118\

Quantitation Report (QT Reviewed)

Data File : VU025308.D
Acq On : 11 Jul 2018 12:38
Operator : MD/SY
Sample : VU0711WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0711WBS01

Manual Integrations APPROVED
MMDadoda
7/12/2018 11:04:15 AM

Quant Time: Jul 12 03:30:05 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	150472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	218440	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	203730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	113832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	100953	43.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.36%			
35) Dibromofluoromethane	4.89	113	81626	44.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.60%			
50) Toluene-d8	7.57	98	263381	41.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.48%			
62) 4-Bromofluorobenzene	10.31	95	107037	42.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	27242	17.494	ug/l	96
3) Chloromethane	1.33	50	26996	17.767	ug/l	98
4) Vinyl Chloride	1.40	62	28908	16.893	ug/l	98
5) Bromomethane	1.62	94	18850	18.177	ug/l	98
6) Chloroethane	1.70	64	20066	18.622	ug/l	94
7) Trichlorofluoromethane	1.89	101	46991	17.473	ug/l	99
8) Diethyl Ether	2.10	74	18459	18.290	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	30682	18.410	ug/l	99
10) Methyl Iodide	2.41	142	25796	19.403	ug/l	99
11) Tert butyl alcohol	2.82	59	41513	81.400	ug/l	99
12) 1,1-Dichloroethene	2.28	96	26691	17.499	ug/l	97
13) Acrolein	2.19	56	17213	51.019	ug/l	96
14) Allyl chloride	2.59	41	46823	16.927	ug/l	96
15) Acrylonitrile	2.93	53	90465	86.280	ug/l	99
16) Acetone	2.32	43	111849	96.802	ug/l	100
17) Carbon Disulfide	2.48	76	67255	16.437	ug/l	99
18) Methyl Acetate	2.62	43	43163	18.033	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	106005	18.271	ug/l	99
20) Methylene Chloride	2.70	84	40317	22.676	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	28995	16.635	ug/l	96
22) Diisopropyl ether	3.57	45	101157	17.907	ug/l	98
23) Vinyl Acetate	3.53	43	437163	88.215	ug/l	99
24) 1,1-Dichloroethane	3.45	63	57978	18.198	ug/l	99
25) 2-Butanone	4.26	43	138247	85.319	ug/l	97
26) 2,2-Dichloropropane	4.23	77	53787	17.558	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	35013	17.361	ug/l	98
28) Bromochloromethane	4.55	49	27382	17.798	ug/l	98
29) Tetrahydrofuran	4.63	42	82501	84.885	ug/l	98
30) Chloroform	4.68	83	62229	18.444	ug/l	98
31) Cyclohexane	5.00	56	52317	18.198	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	55574	18.175	ug/l	100
36) 1,1-Dichloropropene	5.14	75	41723	17.181	ug/l	97
37) Ethyl Acetate	4.38	43	49316	18.209	ug/l	99
38) Carbon Tetrachloride	5.14	117	47568	18.198	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071118\

Quantitation Report (QT Reviewed)

Data File : VU025308.D
Acq On : 11 Jul 2018 12:38
Operator : MD/SY
Sample : VU0711WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0711WBS01

Manual Integrations APPROVED
MMDadoda
7/12/2018 11:04:15 AM

Quant Time: Jul 12 03:30:05 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	6.42	83	51801	17.101 ug/l		99
40) Benzene	5.39	78	126533	18.080 ug/l		98
41) Methacrylonitrile	4.54	41	27092	18.042 ug/l		99
42) 1,2-Dichloroethane	5.41	62	51230	18.416 ug/l		100
43) Isopropyl Acetate	5.55	43	78828	18.175 ug/l		99
44) Trichloroethene	6.19	130	34897	17.366 ug/l		99
45) 1,2-Dichloropropane	6.44	63	33520	18.287 ug/l		98
46) Dibromomethane	6.56	93	23943	17.949 ug/l		99
47) Bromodichloromethane	6.76	83	45303	18.282 ug/l		96
48) Methyl methacrylate	6.62	41	39879	18.444 ug/l		98
49) 1,4-Dioxane	6.61	88	17696	340.141 ug/l		99
51) 4-Methyl-2-Pentanone	7.46	43	248299	88.084 ug/l		99
52) Toluene	7.64	92	79509	17.857 ug/l		99
53) t-1,3-Dichloropropene	7.88	75	48473	17.804 ug/l		95
54) cis-1,3-Dichloropropene	7.27	75	49767	17.175 ug/l		99
55) 1,1,2-Trichloroethane	8.07	97	33509	18.071 ug/l		98
56) Ethyl methacrylate	8.02	69	51148	17.660 ug/l		100
57) 1,3-Dichloropropane	8.25	76	56749	18.435 ug/l		98
58) 2-Chloroethyl Vinyl ether	7.13	63	91737	72.259 ug/l		100
59) 2-Hexanone	8.36	43	195345	85.434 ug/l		100
60) Dibromochloromethane	8.48	129	35473	17.713 ug/l		99
61) 1,2-Dibromoethane	8.59	107	35702	17.994 ug/l		99
64) Tetrachloroethene	8.23	164	33364	17.966 ug/l		99
65) Chlorobenzene	9.12	112	91354	17.950 ug/l		100
66) 1,1,1,2-Tetrachloroethane	9.21	131	33722	18.523 ug/l		98
67) Ethyl Benzene	9.25	91	155958	17.975 ug/l		98
68) m/p-Xylenes	9.38	106	119968	35.764 ug/l		99
69) o-Xylene	9.78	106	60466	18.005 ug/l		97
70) Styrene	9.80	104	95122	17.831 ug/l		100
71) Bromoform	9.96	173	26745	18.394 ug/l	#	100
73) Isopropylbenzene	10.17	105	163021	18.744 ug/l		98
74) N-amyl acetate	10.01	43	66184	19.388 ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.46	83	53313	18.736 ug/l		99
76) 1,2,3-Trichloropropane	10.50	75	45112m	19.747 ug/l		
77) Bromobenzene	10.45	156	40620	18.256 ug/l		96
78) n-propylbenzene	10.59	91	179017	18.549 ug/l		100
79) 2-Chlorotoluene	10.66	91	109522	19.851 ug/l		99
80) 1,3,5-Trimethylbenzene	10.78	105	136963	18.715 ug/l		100
81) trans-1,4-Dichloro-2-buten	10.51	75	15162m	16.719 ug/l		
82) 4-Chlorotoluene	10.78	91	125511	18.366 ug/l		100
83) tert-Butylbenzene	11.10	119	138085	18.672 ug/l		99
84) 1,2,4-Trimethylbenzene	11.15	105	136383	18.183 ug/l		99
85) sec-Butylbenzene	11.33	105	164175	18.854 ug/l		99
86) p-Isopropyltoluene	11.48	119	143072	18.556 ug/l		100
87) 1,3-Dichlorobenzene	11.42	146	71063	17.475 ug/l		99
88) 1,4-Dichlorobenzene	11.51	146	73817	19.519 ug/l		99
89) n-Butylbenzene	11.89	91	111889	17.653 ug/l		99
90) Hexachloroethane	12.15	117	23432	17.948 ug/l		98
91) 1,2-Dichlorobenzene	11.88	146	75312	18.338 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	12699	18.401 ug/l		92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071118\

Quantitation Report (QT Reviewed)

Data File : VU025308.D
Acq On : 11 Jul 2018 12:38
Operator : MD/SY
Sample : VU0711WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Manual Integrations APPROVED
MMDadoda
7/12/2018 11:04:15 AM

Quant Time: Jul 12 03:30:05 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	41724	17.459	ug/l	95
94) Hexachlorobutadiene	13.70	225	25630	17.450	ug/l	97
95) Naphthalene	13.75	128	141787	18.559	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	46628	18.385	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071118\

Quantitation Report (QT Reviewed)

Data File : VU025308.D
Acq On : 11 Jul 2018 12:38
Operator : MD/SY
Sample : VU0711WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 12 03:30:05 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Manual Integrations APPROVED
MMDadoda
7/12/2018 11:04:15 AM