Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110218\
Data File : VU027904.D
Acq On : 01 Nov 2018 18:49
Operator : MD/SY
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
11/2/2018 9:00:03 AM

Quant Time: Nov 02 01:02:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 01:48:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	165277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	284382	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	256858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	116619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	13099	4.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 9.58%			
35) Dibromofluoromethane	4.89	113	9371	4.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 9.70%			
50) Toluene-d8	7.57	98	36352	5.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 10.08%			
62) 4-Bromofluorobenzene	10.31	95	11930	4.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 8.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	8410	3.607	ug/l	92
3) Chloromethane	1.33	50	12038	3.867	ug/l	100
4) Vinyl Chloride	1.40	62	12128	4.115	ug/l	100
5) Bromomethane	1.61	94	4938	3.888	ug/l	94
6) Chloroethane	1.69	64	7371	4.148	ug/l	98
7) Trichlorofluoromethane	1.88	101	14293	4.666	ug/l	97
8) Diethyl Ether	2.10	74	5980	4.295	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.28	101	8659	4.853	ug/l	98
10) Methyl Iodide	2.41	142	2489	1.895	ug/l	97
11) Tert butyl alcohol	2.84	59	16612	27.602	ug/l	97
12) 1,1-Dichloroethene	2.28	96	8304	4.762	ug/l	97
13) Acrolein	2.20	56	8678	19.785	ug/l	97
14) Allyl chloride	2.59	41	19889	4.806	ug/l	99
15) Acrylonitrile	2.94	53	40653	26.416	ug/l	99
16) Acetone	2.32	43	40626	25.253	ug/l	100
17) Carbon Disulfide	2.48	76	27070	4.344	ug/l	98
18) Methyl Acetate	2.62	43	21387	5.612	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	34790	4.960	ug/l	96
20) Methylene Chloride	2.70	84	11716	5.143	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	10074	5.105	ug/l	97
22) Diisopropyl ether	3.58	45	44295	5.216	ug/l	90
23) Vinyl Acetate	3.53	43	182801	24.661	ug/l	99
24) 1,1-Dichloroethane	3.45	63	22206	5.126	ug/l	98
25) 2-Butanone	4.27	43	61962	27.346	ug/l	100
26) 2,2-Dichloropropane	4.23	77	16565	4.724	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	11290	4.986	ug/l	97
28) Bromochloromethane	4.55	49	11511	5.596	ug/l #	95
29) Tetrahydrofuran	4.65	42	40178	27.906	ug/l	98
30) Chloroform	4.67	83	20172	5.219	ug/l	97
31) Cyclohexane	4.99	56	24675	4.882	ug/l #	84
32) 1,1,1-Trichloroethane	4.92	97	16322	5.033	ug/l	96
36) 1,1-Dichloropropene	5.14	75	15477	5.044	ug/l	96
37) Ethyl Acetate	4.39	43	21156	5.201	ug/l #	95
38) Carbon Tetrachloride	5.13	117	13386	4.833	ug/l	97

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110218\
Data File : VU027904.D
Acq On : 01 Nov 2018 18:49
Operator : MD/SY
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
11/2/2018 9:00:03 AM

Quant Time: Nov 02 01:02:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 01:48:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	6.42	83	17617	4.898	ug/l		95
40) Benzene	5.39	78	47868	5.283	ug/l		100
41) Methacrylonitrile	4.55	41	11940	5.207	ug/l		97
42) 1,2-Dichloroethane	5.41	62	16774	5.047	ug/l		96
43) Isopropyl Acetate	5.56	43	33565	5.330	ug/l		99
44) Trichloroethene	6.19	130	9890	4.938	ug/l		93
45) 1,2-Dichloropropane	6.43	63	13571	5.214	ug/l		100
46) Dibromomethane	6.57	93	7838	5.329	ug/l		96
47) Bromodichloromethane	6.76	83	14615	4.827	ug/l		97
48) Methyl methacrylate	6.63	41	16666	5.317	ug/l		98
49) 1,4-Dioxane	6.62	88	5807	108.637	ug/l		94
51) 4-Methyl-2-Pentanone	7.46	43	114535	27.818	ug/l		99
52) Toluene	7.64	92	26941	5.051	ug/l		97
53) t-1,3-Dichloropropene	7.88	75	14756	4.164	ug/l		96
54) cis-1,3-Dichloropropene	7.27	75	16849	4.419	ug/l		97
55) 1,1,2-Trichloroethane	8.07	97	11271	5.329	ug/l		96
56) Ethyl methacrylate	8.02	69	18915	5.327	ug/l		99
57) 1,3-Dichloropropane	8.24	76	20596	5.035	ug/l		97
58) 2-Chloroethyl Vinyl ether	7.13	63	49898	25.668	ug/l		100
59) 2-Hexanone	8.36	43	88682	27.708	ug/l		100
60) Dibromochloromethane	8.48	129	9746	4.587	ug/l		100
61) 1,2-Dibromoethane	8.59	107	11550	5.085	ug/l		97
64) Tetrachloroethene	8.23	164	8702	5.443	ug/l		98
65) Chlorobenzene	9.12	112	27751	5.118	ug/l		97
66) 1,1,1,2-Tetrachloroethane	9.21	131	9535	5.105	ug/l		97
67) Ethyl Benzene	9.25	91	50818	5.281	ug/l		98
68) m/p-Xylenes	9.38	106	35591	10.143	ug/l		97
69) o-Xylene	9.78	106	18507	5.525	ug/l		99
70) Styrene	9.79	104	28408	5.161	ug/l		98
71) Bromoform	9.96	173	6995	4.607	ug/l	#	97
73) Isopropylbenzene	10.17	105	47831	5.641	ug/l		99
74) N-amyl acetate	10.02	43	28044	5.663	ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.46	83	19937	5.898	ug/l		96
76) 1,2,3-Trichloropropane	10.49	75	18436m	6.097	ug/l		
77) Bromobenzene	10.46	156	11462	5.758	ug/l		97
78) n-propylbenzene	10.59	91	55854	5.476	ug/l		98
79) 2-Chlorotoluene	10.66	91	36300	5.894	ug/l		95
80) 1,3,5-Trimethylbenzene	10.77	105	39630	5.704	ug/l		99
81) trans-1,4-Dichloro-2-buten	10.51	75	5620m	4.803	ug/l		
82) 4-Chlorotoluene	10.77	91	38814	5.569	ug/l		100
83) tert-Butylbenzene	11.10	119	39856	5.935	ug/l		99
84) 1,2,4-Trimethylbenzene	11.15	105	37981	5.372	ug/l		100
85) sec-Butylbenzene	11.32	105	46370	5.487	ug/l		100
86) p-Isopropyltoluene	11.48	119	38447	5.341	ug/l		98
87) 1,3-Dichlorobenzene	11.42	146	19838	5.301	ug/l		98
88) 1,4-Dichlorobenzene	11.51	146	20661	5.407	ug/l		96
89) n-Butylbenzene	11.89	91	35211	5.211	ug/l		99
90) Hexachloroethane	12.15	117	6396	4.726	ug/l		96
91) 1,2-Dichlorobenzene	11.88	146	20421	5.576	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	12.66	75	4191	5.643	ug/l		85

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110218\
Data File : VU027904.D
Acq On : 01 Nov 2018 18:49
Operator : MD/SY
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 02 01:02:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 01:48:06 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
11/2/2018 9:00:03 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	11351	4.784	ug/l	98
94) Hexachlorobutadiene	13.69	225	6078	5.101	ug/l	98
95) Naphthalene	13.74	128	43320	5.358	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	12126	4.886	ug/l	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110218\
Data File : VU027904.D
Acq On : 01 Nov 2018 18:49
Operator : MD/SY
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 02 01:02:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 01:48:06 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
11/2/2018 9:00:03 AM