Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028709.D
Acq On : 17 Dec 2018 10:17
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
12/18/2018 11:30:50 AM

Quant Time: Dec 18 03:21:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	81435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	135665	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	127696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	62815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	62854	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.16%			
35) Dibromofluoromethane	4.88	113	47074	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.28%			
50) Toluene-d8	7.56	98	181921	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.74%			
62) 4-Bromofluorobenzene	10.30	95	67473	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	54003	49.475	ug/l	99
3) Chloromethane	1.33	50	81417	40.572	ug/l	99
4) Vinyl Chloride	1.40	62	69315	47.863	ug/l	100
5) Bromomethane	1.62	94	25303	43.374	ug/l	99
6) Chloroethane	1.69	64	40750	49.703	ug/l	97
7) Trichlorofluoromethane	1.88	101	76427	50.160	ug/l	98
8) Diethyl Ether	2.10	74	32571	45.691	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	45305	49.717	ug/l	100
10) Methyl Iodide	2.41	142	38439	53.759	ug/l	99
11) Tert butyl alcohol	2.82	59	60750	219.409	ug/l	100
12) 1,1-Dichloroethene	2.28	96	42272	46.623	ug/l	96
13) Acrolein	2.19	56	50049	226.747	ug/l	97
14) Allyl chloride	2.59	41	98983	46.148	ug/l	98
15) Acrylonitrile	2.93	53	187577	244.016	ug/l	99
16) Acetone	2.32	43	192102	236.884	ug/l	98
17) Carbon Disulfide	2.48	76	153806	47.088	ug/l	100
18) Methyl Acetate	2.61	43	107536	51.154	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	168247	48.950	ug/l	99
20) Methylene Chloride	2.70	84	54628	45.696	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	48357	47.369	ug/l	95
22) Diisopropyl ether	3.57	45	208689	50.032	ug/l	99
23) Vinyl Acetate	3.52	43	844866	245.563	ug/l	99
24) 1,1-Dichloroethane	3.44	63	106300	48.685	ug/l	98
25) 2-Butanone	4.26	43	268744	242.495	ug/l	99
26) 2,2-Dichloropropane	4.22	77	84397	48.783	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	57631	49.878	ug/l	98
28) Bromochloromethane	4.55	49	52802	53.197	ug/l	99
29) Tetrahydrofuran	4.63	42	173549	243.831	ug/l	99
30) Chloroform	4.67	83	96186	50.545	ug/l	95
31) Cyclohexane	4.99	56	103316	48.452	ug/l	99
32) 1,1,1-Trichloroethane	4.91	97	78220	49.491	ug/l	100
36) 1,1-Dichloropropene	5.13	75	76262	51.370	ug/l	100
37) Ethyl Acetate	4.38	43	97170	50.633	ug/l	100
38) Carbon Tetrachloride	5.13	117	65193	54.484	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028709.D
Acq On : 17 Dec 2018 10:17
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
12/18/2018 11:30:50 AM

Quant Time: Dec 18 03:21:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	6.41	83	89832	49.600	ug/l		96
40) Benzene	5.39	78	227790	52.098	ug/l		98
41) Methacrylonitrile	4.54	41	55891	53.180	ug/l		97
42) 1,2-Dichloroethane	5.40	62	80207	52.406	ug/l		99
43) Isopropyl Acetate	5.55	43	155944	51.374	ug/l		100
44) Trichloroethene	6.18	130	50571	52.018	ug/l		96
45) 1,2-Dichloropropane	6.43	63	65423	53.209	ug/l		98
46) Dibromomethane	6.56	93	38093	52.216	ug/l		99
47) Bromodichloromethane	6.76	83	77052	54.277	ug/l		98
48) Methyl methacrylate	6.62	41	78495	52.000	ug/l		99
49) 1,4-Dioxane	6.61	88	25541	1071.574	ug/l		99
51) 4-Methyl-2-Pentanone	7.46	43	496208	259.186	ug/l		99
52) Toluene	7.64	92	132269	51.402	ug/l		99
53) t-1,3-Dichloropropene	7.88	75	90294	53.405	ug/l		98
54) cis-1,3-Dichloropropene	7.27	75	98268	53.572	ug/l		98
55) 1,1,2-Trichloroethane	8.06	97	54215	53.299	ug/l		97
56) Ethyl methacrylate	8.02	69	90936	52.206	ug/l		99
57) 1,3-Dichloropropane	8.24	76	98571	52.204	ug/l		99
58) 2-Chloroethyl Vinyl ether	7.12	63	239564	268.513	ug/l		100
59) 2-Hexanone	8.36	43	387625	255.447	ug/l		100
60) Dibromochloromethane	8.48	129	55956	56.188	ug/l		99
61) 1,2-Dibromoethane	8.58	107	57189	53.614	ug/l		99
64) Tetrachloroethene	8.23	164	43352	50.897	ug/l		98
65) Chlorobenzene	9.12	112	141756	52.096	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.21	131	49649	57.138	ug/l		98
67) Ethyl Benzene	9.25	91	257730	51.523	ug/l		99
68) m/p-Xylenes	9.37	106	189058	103.868	ug/l		98
69) o-Xylene	9.78	106	92725	52.421	ug/l		98
70) Styrene	9.79	104	154031	52.619	ug/l		99
71) Bromoform	9.96	173	45522	61.584	ug/l	#	100
73) Isopropylbenzene	10.16	105	244813	50.791	ug/l		100
74) N-amyl acetate	10.01	43	135578	48.763	ug/l		100
75) 1,1,2,2-Tetrachloroethane	10.46	83	96994	52.384	ug/l		99
76) 1,2,3-Trichloropropane	10.49	75	84255m	52.528	ug/l		
77) Bromobenzene	10.45	156	58511	51.905	ug/l		98
78) n-propylbenzene	10.58	91	309670	51.704	ug/l		100
79) 2-Chlorotoluene	10.66	91	179857	52.133	ug/l		98
80) 1,3,5-Trimethylbenzene	10.77	105	208255	52.196	ug/l		100
81) trans-1,4-Dichloro-2-buten	10.51	75	36769m	56.295	ug/l		
82) 4-Chlorotoluene	10.77	91	208914	51.101	ug/l		100
83) tert-Butylbenzene	11.10	119	202077	52.546	ug/l		99
84) 1,2,4-Trimethylbenzene	11.15	105	215494	52.408	ug/l		100
85) sec-Butylbenzene	11.32	105	254186	51.450	ug/l		99
86) p-Isopropyltoluene	11.48	119	215456	51.339	ug/l		99
87) 1,3-Dichlorobenzene	11.41	146	109449	51.418	ug/l		99
88) 1,4-Dichlorobenzene	11.51	146	112977	51.300	ug/l		99
89) n-Butylbenzene	11.89	91	217798	51.279	ug/l		99
90) Hexachloroethane	12.14	117	39379	62.080	ug/l		98
91) 1,2-Dichlorobenzene	11.88	146	109143	51.260	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21528	53.704	ug/l		97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028709.D
Acq On : 17 Dec 2018 10:17
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
12/18/2018 11:30:50 AM

Quant Time: Dec 18 03:21:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	74537	50.928	ug/l	98
94) Hexachlorobutadiene	13.69	225	34523	49.499	ug/l	96
95) Naphthalene	13.74	128	250521	49.033	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	76860	52.774	ug/l	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028709.D
Acq On : 17 Dec 2018 10:17
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 18 03:21:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
12/18/2018 11:30:50 AM