Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028116.D
Acq On : 14 Nov 2018 12:35
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00506

Quant Time: Nov 15 04:23:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 04:19:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	177310	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	165343	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	78714	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	69836	4.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.00%			
7) Chloroethane-d5	1.68	69	55020	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.20%			
11) 1,1-Dichloroethene-d2	2.28	63	132184	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.20%			
20) 2-Butanone-d5	4.21	46	213542	50.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.08%			
24) Chloroform-d	4.65	84	114873	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.32	65	62286	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.34	84	235709	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	6.33	67	83688	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.57	98	213280	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	7.85	79	30025	4.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.20%			
46) 2-Hexanone-d5	8.31	63	172218	49.78	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.56%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59637	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	72448	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	75664	4.838	ug/L	99
3) Chloromethane	1.33	50	96688	4.837	ug/L	97
5) Vinyl chloride	1.40	62	93503	4.923	ug/L	99
6) Bromomethane	1.63	94	45330	4.983	ug/L	98
8) Chloroethane	1.70	64	53242	4.657	ug/L	100
9) Trichlorofluoromethane	1.89	101	102048	4.926	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	57538	4.947	ug/L	98
12) 1,1-Dichloroethene	2.29	96	56382	4.782	ug/L	94
13) Acetone	2.35	43	141738	49.316	ug/L	100
14) Carbon disulfide	2.48	76	190242	4.812	ug/L	99
15) Methyl Acetate	2.63	43	36390	4.735	ug/L	99
16) Methylene chloride	2.70	84	67286	4.831	ug/L	99
17) Methyl tert-butyl Ether	3.01	73	157976	4.793	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	61342	4.894	ug/L	92
19) 1,1-Dichloroethane	3.45	63	128306	4.867	ug/L	98
21) 2-Butanone	4.30	43	228061	50.281	ug/L	100
22) cis-1,2-Dichloroethene	4.23	96	67149	4.859	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028116.D
Acq On : 14 Nov 2018 12:35
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00506

Quant Time: Nov 15 04:23:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 04:19:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	26278	4.812 ug/L	98
25) Chloroform	4.68	83	117696	4.978 ug/L	99
27) 1,2-Dichloroethane	5.41	62	78661	5.061 ug/L	99
29) 1,1,1-Trichloroethane	4.92	97	94217	5.035 ug/L	99
30) Cyclohexane	4.99	56	131283	5.003 ug/L	99
31) Carbon tetrachloride	5.13	117	77798	5.009 ug/L	99
33) Benzene	5.39	78	275328	4.943 ug/L	100
34) Trichloroethene	6.19	95	67664	4.915 ug/L	98
35) Methylcyclohexane	6.41	83	119058	5.031 ug/L	99
37) 1,2-Dichloropropane	6.43	63	78471	5.094 ug/L	99
38) Bromodichloromethane	6.76	83	80567	4.916 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	105136	5.048 ug/L	96
40) 4-Methyl-2-pentanone	7.47	43	532146	50.167 ug/L	100
42) Toluene	7.64	91	284736	4.958 ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	80739	4.947 ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	46354	4.984 ug/L	98
47) Tetrachloroethene	8.22	164	49801	4.449 ug/L	95
48) 2-Hexanone	8.37	43	383938	50.868 ug/L	100
49) Dibromochloromethane	8.48	129	49744	5.025 ug/L	94
50) 1,2-Dibromoethane	8.59	107	43722	4.994 ug/L	99
51) Chlorobenzene	9.12	112	164462	4.897 ug/L	98
52) Ethylbenzene	9.25	91	311060	4.962 ug/L	100
53) m,p-xylene	9.38	106	113506	4.970 ug/L	96
54) o-xylene	9.78	106	110424	5.022 ug/L	99
55) Styrene	9.79	104	188046	5.057 ug/L	96
56) Isopropylbenzene	10.17	105	295706	4.972 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	60007	5.006 ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	43433	5.020 ug/L	98
61) Bromoform	9.96	173	25545	4.799 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	124022	4.983 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	123723	4.911 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	115729	4.862 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	8376	4.850 ug/L	95
67) 1,3,5-Trichlorobenzene	12.89	180	97203	5.091 ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	84082	5.052 ug/L	99
69) Naphthalene	13.74	128	157573	5.081 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	78405	5.114 ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028116.D
Acq On : 14 Nov 2018 12:35
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00506

Quant Time: Nov 15 04:23:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 04:19:48 2018
Response via : Initial Calibration