Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103018\
Data File : VU027873.D
Acq On : 30 Oct 2018 14:22
Operator : MD/SY
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
11/1/2018 1:40:19 PM

Quant Time: Oct 31 09:30:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 31 02:11:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	83998	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	79926	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	38885	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	31804	4.85	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.00%			
7) Chloroethane-d5	1.68	69	25536	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.80%			
11) 1,1-Dichloroethene-d2	2.28	63	46416	3.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.40%			
20) 2-Butanone-d5	4.19	46	95314	48.68	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.36%			
24) Chloroform-d	4.65	84	54849	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
26) 1,2-Dichloroethane-d4	5.31	65	32275	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
32) Benzene-d6	5.34	84	107053	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.33	67	38006	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.57	98	99510	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
43) trans-1,3-Dichloropropene-	7.86	79	14168	4.72	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.40%			
46) 2-Hexanone-d5	8.31	63	79407	48.41	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.82%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26206	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	36151	4.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	2265	0.274	ug/L	89
3) Chloromethane	1.33	50	2442	0.298	ug/L	97
5) Vinyl chloride	1.41	62	2341	0.287	ug/L #	16
6) Bromomethane	1.63	94	852	0.318	ug/L	96
8) Chloroethane	1.70	64	1753m	0.366	ug/L	
9) Trichlorofluoromethane	1.89	101	2824	0.261	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.30	101	1618	0.293	ug/L	97
12) 1,1-Dichloroethene	2.29	96	1715	0.329	ug/L #	1
13) Acetone	2.33	43	3988	3.231	ug/L	92
14) Carbon disulfide	2.48	76	5736	0.308	ug/L #	94
15) Methyl Acetate	2.61	43	1112	0.337	ug/L #	63
16) Methylene chloride	2.71	84	2043	0.349	ug/L	94
17) Methyl tert-butyl Ether	3.01	73	4440	0.285	ug/L #	90
18) trans-1,2-Dichloroethene	2.98	96	1737	0.313	ug/L	97
19) 1,1-Dichloroethane	3.45	63	3525m	0.301	ug/L	
21) 2-Butanone	4.29	43	6308	2.940	ug/L	77
22) cis-1,2-Dichloroethene	4.23	96	1793	0.280	ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103018\
Data File : VU027873.D
Acq On : 30 Oct 2018 14:22
Operator : MD/SY
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
11/1/2018 1:40:19 PM

Quant Time: Oct 31 09:30:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 31 02:11:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.55	128	607	0.229 ug/L		87
25) Chloroform	4.68	83	4188	0.353 ug/L		90
27) 1,2-Dichloroethane	5.41	62	2737	0.330 ug/L	#	78
29) 1,1,1-Trichloroethane	4.92	97	3080	0.299 ug/L		96
30) Cyclohexane	4.99	56	3296	0.272 ug/L	#	93
31) Carbon tetrachloride	5.13	117	2289	0.259 ug/L		86
33) Benzene	5.39	78	7595m	0.300 ug/L		
34) Trichloroethene	6.19	95	2010	0.305 ug/L		94
35) Methylcyclohexane	6.42	83	3338	0.298 ug/L		86
37) 1,2-Dichloropropane	6.44	63	2167m	0.301 ug/L		
38) Bromodichloromethane	6.76	83	2176	0.258 ug/L	#	85
39) cis-1,3-Dichloropropene	7.28	75	3078	0.298 ug/L		93
40) 4-Methyl-2-pentanone	7.47	43	14602	2.866 ug/L	#	90
42) Toluene	7.64	91	7351	0.278 ug/L		92
44) trans-1,3-Dichloropropene	7.88	75	2299	0.259 ug/L		93
45) 1,1,2-Trichloroethane	8.07	97	1140	0.257 ug/L		92
47) Tetrachloroethene	8.23	164	1386	0.274 ug/L		90
48) 2-Hexanone	8.37	43	11149	3.036 ug/L		98
49) Dibromochloromethane	8.48	129	1539	0.287 ug/L		88
50) 1,2-Dibromoethane	8.59	107	1065	0.251 ug/L	#	97
51) Chlorobenzene	9.13	112	4984	0.303 ug/L		96
52) Ethylbenzene	9.25	91	8614	0.285 ug/L		97
53) m,p-xylene	9.38	106	3082	0.282 ug/L		91
54) o-xylene	9.78	106	2710	0.252 ug/L		84
55) Styrene	9.79	104	4912	0.273 ug/L		86
56) Isopropylbenzene	10.17	105	8393	0.286 ug/L		96
58) 1,1,2,2-Tetrachloroethane	10.46	83	1637	0.283 ug/L	#	95
59) 1,2,3-Trichloropropane	10.49	75	1120	0.256 ug/L		98
61) Bromoform	9.96	173	696	0.243 ug/L	#	88
62) 1,3-Dichlorobenzene	11.42	146	3520	0.281 ug/L		91
63) 1,4-Dichlorobenzene	11.51	146	3847	0.308 ug/L		96
65) 1,2-Dichlorobenzene	11.88	146	3873	0.328 ug/L		94
66) 1,2-Dibromo-3-chloropropan	12.66	75	214	0.231 ug/L	#	43
67) 1,3,5-Trichlorobenzene	12.89	180	2696	0.268 ug/L		90
68) 1,2,4-trichlorobenzene	13.51	180	2479	0.290 ug/L		93
69) Naphthalene	13.75	128	2977	0.224 ug/L		98
70) 1,2,3-Trichlorobenzene	14.00	180	2496	0.320 ug/L	#	86

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103018\
Data File : VU027873.D
Acq On : 30 Oct 2018 14:22
Operator : MD/SY
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 31 09:30:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 31 02:11:32 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
11/1/2018 1:40:19 PM