Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103018\
Data File : VU027875.D
Acq On : 30 Oct 2018 15:33
Operator : MD/SY
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Manual Integrations APPROVED
MMDadoda
11/1/2018 11:15:41 AM

Quant Time: Oct 31 02:41:19 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	82385	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	79570	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	38456	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	31565	4.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.00%			
7) Chloroethane-d5	1.68	69	23935	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.40%			
11) 1,1-Dichloroethene-d2	2.28	63	45260	3.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.00%			
20) 2-Butanone-d5	4.20	46	95030	49.49	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.98%			
24) Chloroform-d	4.65	84	53681	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.31	65	32831	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.34	84	105665	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.33	67	36488	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.60%			
41) Toluene-d8	7.57	98	98254	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloropropene-	7.85	79	13957	4.67	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.40%			
46) 2-Hexanone-d5	8.31	63	77827	47.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.32%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	25898	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	35132	4.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	2422	0.299	ug/L	95
3) Chloromethane	1.33	50	2801	0.348	ug/L	94
5) Vinyl chloride	1.40	62	2750	0.343	ug/L #	64
6) Bromomethane	1.63	94	914	0.347	ug/L	86
8) Chloroethane	1.70	64	1770	0.377	ug/L	85
9) Trichlorofluoromethane	1.89	101	3427	0.322	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	1943	0.358	ug/L	91
12) 1,1-Dichloroethene	2.29	96	1807	0.353	ug/L #	1
13) Acetone	2.33	43	4329	3.576	ug/L	95
14) Carbon disulfide	2.48	76	5891	0.322	ug/L #	94
15) Methyl Acetate	2.62	43	1656	0.511	ug/L #	64
16) Methylene chloride	2.71	84	2131	0.371	ug/L	96
17) Methyl tert-butyl Ether	3.01	73	5157	0.338	ug/L #	85
18) trans-1,2-Dichloroethene	2.99	96	1820	0.335	ug/L	80
19) 1,1-Dichloroethane	3.45	63	3864	0.337	ug/L #	94
21) 2-Butanone	4.29	43	6929m	3.293	ug/L	
22) cis-1,2-Dichloroethene	4.23	96	1769	0.281	ug/L #	56

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103018\
Data File : VU027875.D
Acq On : 30 Oct 2018 15:33
Operator : MD/SY
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 31 02:41:19 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 :
MDL04

Manual Integrations APPROVED
MMDadoda
11/1/2018 11:15:41 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	783	0.301 ug/L #	93
25) Chloroform	4.67	83	4192	0.360 ug/L	100
27) 1,2-Dichloroethane	5.41	62	2622	0.323 ug/L #	78
29) 1,1,1-Trichloroethane	4.92	97	3374	0.329 ug/L	98
30) Cyclohexane	4.99	56	3843	0.319 ug/L	94
31) Carbon tetrachloride	5.13	117	2941	0.334 ug/L	99
33) Benzene	5.40	78	8551	0.339 ug/L	100
34) Trichloroethene	6.19	95	2073	0.316 ug/L	93
35) Methylcyclohexane	6.42	83	3526	0.316 ug/L	96
37) 1,2-Dichloropropane	6.44	63	2342	0.326 ug/L #	90
38) Bromodichloromethane	6.76	83	2418	0.288 ug/L	91
39) cis-1,3-Dichloropropene	7.27	75	3333	0.324 ug/L	86
40) 4-Methyl-2-pentanone	7.47	43	16309	3.216 ug/L #	89
42) Toluene	7.64	91	8525	0.323 ug/L	89
44) trans-1,3-Dichloropropene	7.88	75	2650m	0.300 ug/L	
45) 1,1,2-Trichloroethane	8.08	97	1423	0.322 ug/L	93
47) Tetrachloroethene	8.23	164	1650	0.327 ug/L	94
48) 2-Hexanone	8.37	43	13047	3.569 ug/L #	96
49) Dibromochloromethane	8.48	129	1520	0.285 ug/L	94
50) 1,2-Dibromoethane	8.59	107	1307	0.309 ug/L #	97
51) Chlorobenzene	9.12	112	5267	0.322 ug/L	94
52) Ethylbenzene	9.25	91	9909	0.330 ug/L	96
53) m,p-xylene	9.38	106	3218	0.295 ug/L	77
54) o-xylene	9.78	106	3376	0.315 ug/L	85
55) Styrene	9.79	104	5555	0.310 ug/L	90
56) Isopropylbenzene	10.17	105	8848	0.303 ug/L #	96
58) 1,1,2,2-Tetrachloroethane	10.46	83	1644	0.286 ug/L	93
59) 1,2,3-Trichloropropane	10.49	75	1326m	0.305 ug/L	
61) Bromoform	9.96	173	694	0.245 ug/L #	83
62) 1,3-Dichlorobenzene	11.42	146	4139	0.335 ug/L	84
63) 1,4-Dichlorobenzene	11.50	146	4584	0.371 ug/L	92
65) 1,2-Dichlorobenzene	11.88	146	3988	0.341 ug/L	88
66) 1,2-Dibromo-3-chloropropan	12.66	75	285	0.311 ug/L #	53
67) 1,3,5-Trichlorobenzene	12.89	180	3213	0.323 ug/L	94
68) 1,2,4-trichlorobenzene	13.50	180	2587	0.306 ug/L	91
69) Naphthalene	13.75	128	3819	0.290 ug/L #	93
70) 1,2,3-Trichlorobenzene	13.99	180	2404	0.312 ug/L #	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103018\
Data File : VU027875.D
Acq On : 30 Oct 2018 15:33
Operator : MD/SY
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 31 02:41:19 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 :
MDL04

Manual Integrations APPROVED
MMDadoda
11/1/2018 11:15:41 AM