Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110118\
Data File : VU027899.D
Acq On : 01 Nov 2018 13:11
Operator : MD/SY
Sample : MDL06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Manual Integrations APPROVED
MMDadoda
11/5/2018 4:10:26 PM

Quant Time: Nov 02 07:26:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 02 08:02:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	83070	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	79842	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40723	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	23568	3.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.60%			
7) Chloroethane-d5	1.68	69	18316	3.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.20%			
11) 1,1-Dichloroethene-d2	2.28	63	36820	2.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.80%#			
20) 2-Butanone-d5	4.20	46	84633	43.71	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.42%			
24) Chloroform-d	4.65	84	43737	3.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 75.00%			
26) 1,2-Dichloroethane-d4	5.31	65	30859	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
32) Benzene-d6	5.34	84	86536	3.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.20%			
36) 1,2-Dichloropropane-d6	6.33	67	30994	4.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.00%			
41) Toluene-d8	7.57	98	79230	3.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.20%			
43) trans-1,3-Dichloropropene-	7.85	79	11380	3.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.00%			
46) 2-Hexanone-d5	8.31	63	67472	41.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.36%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	22367	4.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	30493	3.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 78.20%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	2405	0.294	ug/L	93
3) Chloromethane	1.33	50	2079	0.256	ug/L	91
5) Vinyl chloride	1.40	62	2291	0.284	ug/L	88
6) Bromomethane	1.63	94	660	0.249	ug/L #	66
8) Chloroethane	1.70	64	1829m	0.386	ug/L	
9) Trichlorofluoromethane	1.89	101	3154	0.294	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	1678	0.307	ug/L	93
12) 1,1-Dichloroethene	2.29	96	1671	0.324	ug/L #	1
13) Acetone	2.32	43	3997	3.275	ug/L	76
14) Carbon disulfide	2.48	76	4601	0.250	ug/L #	90
15) Methyl Acetate	2.62	43	1447	0.443	ug/L #	58
16) Methylene chloride	2.70	84	1808	0.312	ug/L	96
17) Methyl tert-butyl Ether	3.01	73	4211	0.274	ug/L	94
18) trans-1,2-Dichloroethene	2.98	96	1658	0.302	ug/L	85
19) 1,1-Dichloroethane	3.45	63	3174	0.274	ug/L #	82
21) 2-Butanone	4.29	43	5921	2.790	ug/L	91
22) cis-1,2-Dichloroethene	4.23	96	1598	0.252	ug/L	96

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Quant Time: Nov 02 07:26:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 02 08:02:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	681	0.259 ug/L #	91
25) Chloroform	4.67	83	7746	0.660 ug/L	98
27) 1,2-Dichloroethane	5.41	62	2611	0.319 ug/L	98
29) 1,1,1-Trichloroethane	4.92	97	2737	0.266 ug/L	96
30) Cyclohexane	4.99	56	3204	0.265 ug/L	98
31) Carbon tetrachloride	5.13	117	2390	0.270 ug/L	93
33) Benzene	5.39	78	6763	0.267 ug/L	100
34) Trichloroethene	6.19	95	1679	0.255 ug/L	80
35) Methylcyclohexane	6.41	83	3102	0.277 ug/L	92
37) 1,2-Dichloropropane	6.43	63	2079	0.289 ug/L #	90
38) Bromodichloromethane	6.76	83	2443	0.290 ug/L #	99
39) cis-1,3-Dichloropropene	7.28	75	2641	0.256 ug/L	90
40) 4-Methyl-2-pentanone	7.47	43	13597	2.672 ug/L	98
42) Toluene	7.64	91	7187	0.272 ug/L	85
44) trans-1,3-Dichloropropene	7.88	75	2572	0.290 ug/L	96
45) 1,1,2-Trichloroethane	8.08	97	1033	0.233 ug/L #	66
47) Tetrachloroethene	8.23	164	1503	0.297 ug/L	88
48) 2-Hexanone	8.37	43	11278	3.074 ug/L #	93
49) Dibromochloromethane	8.48	129	1433	0.268 ug/L	94
50) 1,2-Dibromoethane	8.59	107	925	0.218 ug/L #	94
51) Chlorobenzene	9.12	112	4591	0.280 ug/L	91
52) Ethylbenzene	9.25	91	8019	0.266 ug/L	96
53) m,p-xylene	9.38	106	2682	0.245 ug/L	99
54) o-xylene	9.78	106	2408	0.224 ug/L	77
55) Styrene	9.79	104	4607	0.256 ug/L	88
56) Isopropylbenzene	10.17	105	7597	0.260 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	1525	0.264 ug/L #	96
59) 1,2,3-Trichloropropane	10.49	75	1132	0.259 ug/L	92
61) Bromoform	9.96	173	694	0.232 ug/L #	86
62) 1,3-Dichlorobenzene	11.42	146	3390	0.259 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	3446	0.263 ug/L	92
65) 1,2-Dichlorobenzene	11.88	146	3496	0.283 ug/L #	84
66) 1,2-Dibromo-3-chloropropan	12.66	75	190	0.196 ug/L #	10
67) 1,3,5-Trichlorobenzene	12.89	180	2629	0.249 ug/L #	96
68) 1,2,4-trichlorobenzene	13.51	180	1932	0.216 ug/L #	83
69) Naphthalene	13.75	128	3312	0.238 ug/L #	82
70) 1,2,3-Trichlorobenzene	13.99	180	2154	0.264 ug/L #	83

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

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