Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103018\
Data File : VU027877.D
Acq On : 30 Oct 2018 16:44
Operator : MD/SY
Sample : MDL06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Manual Integrations APPROVED
MMDadoda
11/1/2018 11:15:54 AM

Quant Time: Oct 31 02:45:56 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	82144	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	78688	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	38727	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	30491	4.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.00%			
7) Chloroethane-d5	1.68	69	24019	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.28	63	46677	3.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.60%			
20) 2-Butanone-d5	4.20	46	97947	51.16	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.32%			
24) Chloroform-d	4.65	84	54235	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	5.31	65	33223	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
32) Benzene-d6	5.34	84	107495	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
36) 1,2-Dichloropropane-d6	6.33	67	37234	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%			
41) Toluene-d8	7.57	98	98204	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
43) trans-1,3-Dichloropropene-	7.85	79	14431	4.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.80%			
46) 2-Hexanone-d5	8.31	63	80017	49.55	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.10%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	25197	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	36635	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	2596	0.321	ug/L	99
3) Chloromethane	1.33	50	2894	0.361	ug/L	91
5) Vinyl chloride	1.40	62	2948	0.369	ug/L #	75
6) Bromomethane	1.63	94	873	0.333	ug/L	88
8) Chloroethane	1.70	64	1686m	0.360	ug/L	
9) Trichlorofluoromethane	1.89	101	3205	0.302	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.30	101	1937	0.358	ug/L	87
12) 1,1-Dichloroethene	2.29	96	1826	0.358	ug/L #	1
13) Acetone	2.32	43	4784	3.964	ug/L	93
14) Carbon disulfide	2.48	76	5417	0.297	ug/L #	93
15) Methyl Acetate	2.62	43	1478	0.458	ug/L #	84
16) Methylene chloride	2.70	84	1798	0.314	ug/L	77
17) Methyl tert-butyl Ether	3.01	73	4476	0.294	ug/L #	81
18) trans-1,2-Dichloroethene	2.99	96	1815	0.335	ug/L	88
19) 1,1-Dichloroethane	3.45	63	3673	0.321	ug/L	96
21) 2-Butanone	4.28	43	7018	3.345	ug/L	94
22) cis-1,2-Dichloroethene	4.23	96	1831	0.292	ug/L	65

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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	690	0.266 ug/L	#	92
25) Chloroform	4.68	83	4325	0.373 ug/L		88
27) 1,2-Dichloroethane	5.41	62	2748	0.339 ug/L	#	78
29) 1,1,1-Trichloroethane	4.92	97	3364	0.331 ug/L		95
30) Cyclohexane	5.00	56	3825	0.321 ug/L	#	90
31) Carbon tetrachloride	5.13	117	2521	0.289 ug/L		97
33) Benzene	5.39	78	8015	0.322 ug/L		100
34) Trichloroethene	6.19	95	1972	0.304 ug/L		90
35) Methylcyclohexane	6.42	83	3340	0.303 ug/L		93
37) 1,2-Dichloropropane	6.44	63	2188	0.308 ug/L	#	90
38) Bromodichloromethane	6.76	83	2515	0.303 ug/L	#	91
39) cis-1,3-Dichloropropene	7.27	75	3239	0.318 ug/L		97
40) 4-Methyl-2-pentanone	7.47	43	14805	2.952 ug/L	#	92
42) Toluene	7.64	91	8816	0.338 ug/L		97
44) trans-1,3-Dichloropropene	7.88	75	2256m	0.258 ug/L		
45) 1,1,2-Trichloroethane	8.07	97	1226	0.281 ug/L		86
47) Tetrachloroethene	8.22	164	1564	0.314 ug/L		85
48) 2-Hexanone	8.37	43	11990	3.316 ug/L		96
49) Dibromochloromethane	8.48	129	1510	0.286 ug/L		91
50) 1,2-Dibromoethane	8.59	107	1211	0.290 ug/L	#	98
51) Chlorobenzene	9.12	112	5211	0.322 ug/L		99
52) Ethylbenzene	9.25	91	9545	0.321 ug/L		96
53) m,p-xylene	9.38	106	3255	0.302 ug/L		87
54) o-xylene	9.78	106	3317	0.313 ug/L		95
55) Styrene	9.80	104	5310	0.299 ug/L		88
56) Isopropylbenzene	10.17	105	8543	0.296 ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.46	83	1602	0.281 ug/L	#	65
59) 1,2,3-Trichloropropane	10.50	75	1373	0.319 ug/L		89
61) Bromoform	9.96	173	704	0.247 ug/L	#	90
62) 1,3-Dichlorobenzene	11.42	146	4089	0.328 ug/L		95
63) 1,4-Dichlorobenzene	11.51	146	4121	0.331 ug/L		90
65) 1,2-Dichlorobenzene	11.88	146	3624	0.308 ug/L	#	83
66) 1,2-Dibromo-3-chloropropan	12.65	75	201	0.218 ug/L		89
67) 1,3,5-Trichlorobenzene	12.89	180	3290m	0.328 ug/L		
68) 1,2,4-trichlorobenzene	13.51	180	2471	0.290 ug/L		92
69) Naphthalene	13.75	128	3187	0.240 ug/L	#	93
70) 1,2,3-Trichlorobenzene	13.99	180	2610	0.336 ug/L	#	86

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

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