Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103018\
Data File : VU027878.D
Acq On : 30 Oct 2018 17:52
Operator : MD/SY
Sample : MDL07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Manual Integrations APPROVED
MMDadoda
11/1/2018 11:16:00 AM

Quant Time: Oct 31 02:50:32 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	80753	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	78699	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	38841	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	29660	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.68	69	23546	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.60%			
11) 1,1-Dichloroethene-d2	2.28	63	44100	3.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.60%			
20) 2-Butanone-d5	4.19	46	94370	50.14	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.28%			
24) Chloroform-d	4.65	84	52576	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.31	65	32036	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.34	84	100988	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.33	67	36598	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.57	98	95408	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
43) trans-1,3-Dichloropropene-	7.85	79	13591	4.60	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.00%			
46) 2-Hexanone-d5	8.31	63	78583	48.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.30%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	25797	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	35535	4.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	2418	0.304	ug/L	92
3) Chloromethane	1.33	50	2468	0.313	ug/L	90
5) Vinyl chloride	1.40	62	2702	0.344	ug/L #	73
6) Bromomethane	1.64	94	898	0.348	ug/L	99
8) Chloroethane	1.70	64	2055	0.447	ug/L	88
9) Trichlorofluoromethane	1.89	101	3507	0.337	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.30	101	2038	0.383	ug/L	86
12) 1,1-Dichloroethene	2.29	96	1886	0.376	ug/L #	1
13) Acetone	2.33	43	5162	4.351	ug/L	88
14) Carbon disulfide	2.49	76	5922	0.331	ug/L	96
15) Methyl Acetate	2.62	43	1378m	0.434	ug/L	
16) Methylene chloride	2.71	84	2391	0.424	ug/L	88
17) Methyl tert-butyl Ether	3.01	73	5164	0.345	ug/L	94
18) trans-1,2-Dichloroethene	2.99	96	1828	0.343	ug/L	96
19) 1,1-Dichloroethane	3.45	63	3854	0.342	ug/L	99
21) 2-Butanone	4.28	43	7473	3.623	ug/L	93
22) cis-1,2-Dichloroethene	4.23	96	1803	0.293	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.56	128	879m	0.344	ug/L		
25) Chloroform	4.67	83	4255	0.373	ug/L		90
27) 1,2-Dichloroethane	5.41	62	2905	0.365	ug/L	#	78
29) 1,1,1-Trichloroethane	4.92	97	3335	0.328	ug/L	#	70
30) Cyclohexane	4.99	56	3657	0.306	ug/L	#	94
31) Carbon tetrachloride	5.14	117	2953	0.339	ug/L		86
33) Benzene	5.39	78	7794	0.313	ug/L		100
34) Trichloroethene	6.19	95	2150	0.331	ug/L		89
35) Methylcyclohexane	6.42	83	3324	0.301	ug/L		95
37) 1,2-Dichloropropane	6.43	63	2194	0.309	ug/L	#	90
38) Bromodichloromethane	6.76	83	2548	0.307	ug/L	#	88
39) cis-1,3-Dichloropropene	7.27	75	3108	0.305	ug/L		94
40) 4-Methyl-2-pentanone	7.47	43	16572	3.304	ug/L	#	91
42) Toluene	7.64	91	8395	0.322	ug/L		98
44) trans-1,3-Dichloropropene	7.88	75	2828m	0.324	ug/L		
45) 1,1,2-Trichloroethane	8.07	97	1450	0.332	ug/L		91
47) Tetrachloroethene	8.22	164	1624	0.326	ug/L		93
48) 2-Hexanone	8.37	43	12850	3.554	ug/L		99
49) Dibromochloromethane	8.48	129	1553	0.294	ug/L		100
50) 1,2-Dibromoethane	8.59	107	1301	0.311	ug/L	#	94
51) Chlorobenzene	9.12	112	5232	0.323	ug/L		96
52) Ethylbenzene	9.25	91	9611	0.323	ug/L		99
53) m,p-xylene	9.38	106	3046	0.283	ug/L		86
54) o-xylene	9.78	106	3437	0.325	ug/L		79
55) Styrene	9.80	104	5616	0.316	ug/L		84
56) Isopropylbenzene	10.17	105	9147	0.317	ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.46	83	1620	0.284	ug/L	#	55
59) 1,2,3-Trichloropropane	10.49	75	1488m	0.346	ug/L		
61) Bromoform	9.95	173	829	0.290	ug/L	#	82
62) 1,3-Dichlorobenzene	11.42	146	3945	0.316	ug/L		97
63) 1,4-Dichlorobenzene	11.51	146	4226	0.338	ug/L		86
65) 1,2-Dichlorobenzene	11.88	146	3983	0.338	ug/L		90
66) 1,2-Dibromo-3-chloropropan	12.66	75	237	0.256	ug/L		97
67) 1,3,5-Trichlorobenzene	12.89	180	3469	0.345	ug/L		94
68) 1,2,4-trichlorobenzene	13.51	180	2661	0.311	ug/L		97
69) Naphthalene	13.75	128	3700	0.278	ug/L	#	93
70) 1,2,3-Trichlorobenzene	13.99	180	2082	0.267	ug/L		88

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

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