Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
Data File : BG019189.D
Acq On : 13 Oct 2015 21:32
Operator : UM/NP
Sample : G3996-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LH9

Manual Integrations APPROVED
MMdadoda
10/14/2015 3:52:24 PM

Quant Time: Oct 14 13:32:00 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 14 03:54:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20210	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	86571	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	59371	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	132547	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	154721	20.00	ng/ul	0.00
86) Perylene-d12	24.91	264	153036	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	794	1.78	ng/uL	0.00
5) Phenol-d5	7.19	99	21926	12.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	14658	13.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	16788	12.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	18559	13.56	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	9483	14.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	10493	15.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	18988	14.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	6662	4.05	ng/ul	0.02
44) Dimethylphthalate-d6	14.06	166	67696	14.46	ng/ul	0.00
47) Acenaphthylene-d8	14.35	160	77529	13.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	10451	11.05	ng/ul	0.00
58) Fluorene-d10	15.65	176	72493	17.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	10264	14.27	ng/ul	0.00
71) Anthracene-d10	17.50	188	89683	14.37	ng/ul	0.00
79) Pyrene-d10	19.79	212	92016	12.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	110754	14.14	ng/ul	0.00
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	10.01	107	10128m	6.17	ng/ul	
28) Naphthalene	10.89	128	239486	53.42	ng/ul	99
34) 2-Methylnaphthalene	12.49	142	143100	42.62	ng/ul	98
35) 1-Methylnaphthalene	12.71	142	90709	27.54	ng/ul#	97
41) 1,1'-Biphenyl	13.50	154	48345	9.99	ng/ul	97
45) Dimethylphthalate	14.11	163	10826	2.26	ng/ul#	98
48) Acenaphthylene	14.38	152	9431	1.52	ng/ul#	69
50) Acenaphthene	14.72	153	16541	3.93	ng/ul#	93
54) Dibenzofuran	15.06	168	81572	14.25	ng/ul	88
59) Fluorene	15.71	166	57433	11.91	ng/ul	90
70) Phenanthrene	17.45	178	116476	15.60	ng/ul	96
72) Anthracene	17.54	178	29134m	3.87	ng/ul	
77) Fluoranthene	19.46	202	42978	4.94	ng/ul#	94
80) Pyrene	19.82	202	49283	5.29	ng/ul#	93
83) Benzo(a)anthracene	21.66	228	11516m	1.29	ng/ul	
85) Chrysene	21.72	228	14883m	1.77	ng/ul	

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

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