Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020293.D
Acq On : 19 Dec 2015 2:54
Operator : UM/SJ
Sample : G4768-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N37

Manual Integrations APPROVED
apatel
12/22/2015 12:36:20 PM

Quant Time: Dec 19 05:43:02 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 04:52:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	21000	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	90845	20.00	ng/ul	0.05
36) Acenaphthene-d10	14.73	164	58767	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	135516	20.00	ng/ul	0.01
78) Chrysene-d12	21.74	240	181481	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	167844	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	405	1.06	ng/uL	0.00
5) Phenol-d5	7.24	99	12579	6.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	34983	31.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	36483	27.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	23815	15.04	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	23870	33.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	27877	35.38	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.54	165	46223	28.96	ng/ul	0.02
29) 4-Chloroaniline-d4	11.07	131	7320	4.08	ng/ul	0.03
44) Dimethylphthalate-d6	14.14	166	159480	33.55	ng/ul	0.01
47) Acenaphthylene-d8	14.42	160	188032	34.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	7148	8.38	ng/ul	0.00
58) Fluorene-d10	15.72	176	143216	33.22	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.84	200	22822	28.41	ng/ul	0.01
71) Anthracene-d10	17.58	188	224880	36.01	ng/ul	0.01
79) Pyrene-d10	19.85	212	268219	31.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	317938	37.98	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.53	108	2932	1.94	ng/ul	96
14) Acetophenone	8.92	105	8572	3.46	ng/ul#	89
16) 4-Methylphenol	8.86	108	4079	2.44	ng/ul	95
24) 2,4-Dimethylphenol	10.08	107	48677m	25.37	ng/ul	
28) Naphthalene	11.06	128	10280102	2166.93	ng/ul#	38
34) 2-Methylnaphthalene	12.58	142	1976303	545.38	ng/ul	100
35) 1-Methylnaphthalene	12.80	142	1194900	342.99	ng/ul#	96
41) 1,1'-Biphenyl	13.57	154	689826	155.59	ng/ul	98
48) Acenaphthylene	14.45	152	469313	79.88	ng/ul	97
50) Acenaphthene	14.82	153	2304684	582.99	ng/ul#	90
54) Dibenzofuran	15.14	168	1979768	336.65	ng/ul#	87
59) Fluorene	15.79	166	1448269	306.68	ng/ul#	98
70) Phenanthrene	17.53	178	2352040	317.31	ng/ul#	82
72) Anthracene	17.61	178	257813m	34.29	ng/ul	
75) Carbazole	17.91	167	2814158	445.48	ng/ul#	82
77) Fluoranthene	19.52	202	438327	50.60	ng/ul	99
80) Pyrene	19.88	202	258684	23.55	ng/ul	97
83) Benzo(a)anthracene	21.72	228	11297	1.07	ng/ul	96

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

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