Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020299.D
Acq On : 19 Dec 2015 6:48
Operator : UM/SJ
Sample : G4768-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N43

Manual Integrations APPROVED
apatel
12/22/2015 2:13:16 PM

Quant Time: Dec 20 03:56:47 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	8.09	152	20315	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	85940	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.73	164	59100	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	142157	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	187115	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	175646	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	646	1.76	ng/uL	0.00
5) Phenol-d5	7.24	99	16633	9.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	34708	32.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	37445	28.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	28500	18.60	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	23682	35.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	27026	36.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	47112	31.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	955	0.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	164354	34.38	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	192960	34.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	8521	9.94	ng/ul	0.00
58) Fluorene-d10	15.71	176	148168	34.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	25287	30.01	ng/ul	0.00
71) Anthracene-d10	17.57	188	231875	35.40	ng/ul	0.00
79) Pyrene-d10	19.85	212	278688	31.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	304115	34.71	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.53	108	2553	1.74	ng/ul	95
14) Acetophenone	8.91	105	2697	1.12	ng/ul#	82
16) 4-Methylphenol	8.86	108	4899	3.02	ng/ul	86
24) 2,4-Dimethylphenol	10.07	107	10993m	6.06	ng/ul	
28) Naphthalene	11.01	128	5093901	1135.02	ng/ul#	64
34) 2-Methylnaphthalene	12.57	142	1038319	302.89	ng/ul	98
35) 1-Methylnaphthalene	12.79	142	600999	182.36	ng/ul	95
41) 1,1'-Biphenyl	13.56	154	342939	76.91	ng/ul	97
48) Acenaphthylene	14.45	152	196088	33.19	ng/ul	98
50) Acenaphthene	14.80	153	1401568	352.54	ng/ul	94
54) Dibenzofuran	15.13	168	1162859	196.62	ng/ul	94
59) Fluorene	15.78	166	945034	198.99	ng/ul	98
70) Phenanthrene	17.52	178	1714528m	220.50	ng/ul	
72) Anthracene	17.61	178	117721	14.93	ng/ul	98
75) Carbazole	17.88	167	1348429	203.48	ng/ul	93
77) Fluoranthene	19.52	202	297362	32.72	ng/ul	99
80) Pyrene	19.88	202	172644	15.24	ng/ul	97

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

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