Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016194.D
Acq On : 28 Mar 2015 2:24
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD0

Manual Integrations APPROVED
apatel
3/30/2015 4:29:44 PM

Quant Time: Mar 28 07:06:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 28 05:59:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	79069	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	337116	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	188694	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	347986	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	359094	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	355811	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.97	99	75518	10.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	39857	10.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	58311	10.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	56883	10.65	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	31241	11.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	31519	12.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	51851	10.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	57294	8.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	140259	11.40	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	192018	11.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	24085	8.20	ng/ul	0.00
57) Fluorene-d10	15.41	176	129096	10.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	2305	1.27	ng/ul	0.00
70) Anthracene-d10	17.26	188	177854	11.19	ng/ul	0.00
76) Pyrene-d10	19.55	212	176889	11.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	166793	10.75	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.63	128	58503	3.21	ng/ul	97
34) 2-Methylnaphthalene	12.24	142	58429	4.54	ng/ul	98
40) 1,1'-Biphenyl	13.25	154	20520	1.39	ng/ul	98
49) Acenaphthene	14.49	153	102366	7.97	ng/ul	98
53) Dibenzofuran	14.82	168	180379	10.39	ng/ul	98
58) Fluorene	15.47	166	173348	11.44	ng/ul	98
69) Phenanthrene	17.21	178	1109103	56.07	ng/ul	96
71) Anthracene	17.29	178	231639	11.53	ng/ul	99
72) Carbazole	17.56	167	86356	4.47	ng/ul	99
74) Fluoranthene	19.22	202	1069825	47.84	ng/ul	98
77) Pyrene	19.59	202	896501	40.57	ng/ul	99
80) Benzo(a)anthracene	21.32	228	452633	22.25	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.24	149	12851	1.05	ng/ul#	96
82) Chrysene	21.37	228	412120	21.29	ng/ul	97
85) Benzo(b)fluoranthene	22.94	252	562994	27.57	ng/ul#	94
86) Benzo(k)fluoranthene	22.97	252	182980m	9.07	ng/ul	
88) Benzo(a)pyrene	23.53	252	381331	18.74	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	25.98	276	183898	7.81	ng/ul	95
90) Dibenzo(a,h)anthracene	25.99	278	47875	2.43	ng/ul#	78
91) Benzo(g,h,i)perylene	26.71	276	125146m	6.33	ng/ul	

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

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