Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016186.D
Acq On : 27 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Manual Integrations APPROVED
apatel
3/30/2015 4:29:22 PM

Quant Time: Mar 28 06:35:12 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	7.79	152	53718	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	241854	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	143903	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	292994	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	291072	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	289998	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	133342	27.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	70131	26.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	102233	27.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	102429	28.23	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	55026	28.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	59067	32.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	95745	28.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	130890	27.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	272600	29.06	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	358417	27.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	52080	23.24	ng/ul	0.00
57) Fluorene-d10	15.41	176	247269	26.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	29593	19.33	ng/ul	0.00
70) Anthracene-d10	17.25	188	353500	26.41	ng/ul	0.00
76) Pyrene-d10	19.55	212	348712	26.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	306205	24.21	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.62	128	83129	6.37	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	45495	4.92	ng/ul	98
40) 1,1'-Biphenyl	13.25	154	14305	1.27	ng/ul	97
44) Dimethylphthalate	13.87	163	18024	1.69	ng/ul	98
49) Acenaphthene	14.48	153	102931	10.50	ng/ul	99
53) Dibenzofuran	14.81	168	125423	9.48	ng/ul	97
58) Fluorene	15.46	166	145493	12.59	ng/ul	98
69) Phenanthrene	17.20	178	859061	51.58	ng/ul	98
71) Anthracene	17.29	178	298158	17.63	ng/ul	100
72) Carbazole	17.56	167	120551	7.41	ng/ul	99
74) Fluoranthene	19.21	202	748422	39.75	ng/ul	100
77) Pyrene	19.58	202	594698	33.20	ng/ul	98
80) Benzo(a)anthracene	21.32	228	289999	17.59	ng/ul	99
82) Chrysene	21.37	228	238782	15.22	ng/ul	98
85) Benzo(b)fluoranthene	22.92	252	284166	17.07	ng/ul	99
86) Benzo(k)fluoranthene	22.97	252	115011m	7.00	ng/ul	
88) Benzo(a)pyrene	23.52	252	222870	13.44	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.96	276	130867	6.82	ng/ul	93
90) Dibenzo(a,h)anthracene	25.97	278	35363	2.20	ng/ul#	73
91) Benzo(g,h,i)perylene	26.68	276	102763	6.37	ng/ul	97

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

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