Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024930.D
Acq On : 24 Nov 2016 6:15
Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4WD5

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11/28/2016 4:50:35 PM

Quant Time: Nov 24 07:03:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:29:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	97641	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	418432	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	326576	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	693757m	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	875540	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	911260	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	1104	0.54	ng/uL	0.00
5) Phenol-d5	7.39	99	37470	4.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	21146	3.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	25933	4.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	37393	4.81	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	15184	4.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	19773	5.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	46692	6.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	33102	3.85	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	202555	8.44	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	213217	8.07	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	31530	7.46	ng/ul	0.00
57) Fluorene-d10	15.85	176	192522	8.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	27715m	5.63	ng/ul	0.00
70) Anthracene-d10	17.71	188	300687	9.53	ng/ul	0.00
76) Pyrene-d10	19.99	212	376561	9.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	386604	9.54	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.42	94	15365	1.65	ng/ul	90
14) Acetophenone	9.08	105	45101	4.00	ng/ul	89
28) Naphthalene	11.12	128	323267	15.82	ng/ul	98
34) 2-Methylnaphthalene	12.71	142	106856	6.42	ng/ul	96
40) 1,1'-Biphenyl	13.70	154	55114	2.62	ng/ul#	90
44) Dimethylphthalate	14.30	163	28038	1.19	ng/ul#	95
49) Acenaphthene	14.93	153	700060	39.84	ng/ul	97
53) Dibenzofuran	15.26	168	644101	23.63	ng/ul	95
58) Fluorene	15.91	166	729489	32.62	ng/ul	97
69) Phenanthrene	17.66	178	5802892m	162.61	ng/ul	
71) Anthracene	17.75	178	2008440	54.69	ng/ul	95
72) Carbazole	18.02	167	1064645	35.07	ng/ul	97
74) Fluoranthene	19.66	202	6014556m	146.11	ng/ul	
77) Pyrene	20.02	202	5744680	126.60	ng/ul#	74
80) Benzo(a)anthracene	21.89	228	4416872	91.81	ng/ul#	82
82) Chrysene	21.97	228	3870560	85.32	ng/ul#	83
85) Benzo(b)fluoranthene	24.26	252	5058592	104.08	ng/ul#	91
86) Benzo(k)fluoranthene	24.31	252	1953426m	41.99	ng/ul	
88) Benzo(a)pyrene	25.18	252	3805025	80.54	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	29.29	276	2761415	47.66	ng/ul	94
90) Dibenzo(a,h)anthracene	29.33	278	747178	15.46	ng/ul	96
91) Benzo(g,h,i)perylene	30.53	276	2259147	47.37	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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