Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080215\
Data File : BG018227.D
Acq On : 2 Aug 2015 15:50
Operator : TP
Sample : G3065-21RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 03 09:32:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C02G6RE

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	149310	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	657201	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.16	164	337475	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.93	188	545811	20.00	ng/ul	0.02
78) Chrysene-d12	21.14	240	750781	20.00	ng/ul	0.03
86) Perylene-d12	23.35	264	761773m	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	1707	0.86	ng/uL	0.01
5) Phenol-d5	6.68	99	128623	9.58	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.83	67	57013	8.31	ng/ul	0.01
9) 2-Chlorophenol-d4	7.02	132	110613	10.91	ng/ul	0.01
13) 4-Methylphenol-d8	8.21	113	102838	9.41	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	59280	11.45	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	67568	11.37	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.90	165	123739	11.78	ng/ul	0.02
29) 4-Chloroaniline-d4	10.42	131	21087m	1.61	ng/ul	0.01
44) Dimethylphthalate-d6	13.58	166	306916	11.77	ng/ul	0.01
47) Acenaphthylene-d8	13.85	160	365757	12.10	ng/ul	0.02
52) 4-Nitrophenol-d4	14.42	143	39479	8.18	ng/ul	0.02
58) Fluorene-d10	15.16	176	239154	10.13	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.32	200	4699	1.23	ng/ul	0.02
71) Anthracene-d10	17.03	188	290296	12.23	ng/ul	0.02
79) Pyrene-d10	19.34	212	323758	8.91	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.21	264	455522m	11.82	ng/ul	0.06
Target Compounds						Qvalue
14) Acetophenone	8.30	105	16171	0.95	ng/ul#	82
28) Naphthalene	10.32	128	1186272	37.49	ng/ul	99
34) 2-Methylnaphthalene	11.95	142	891339	35.59	ng/ul	98
35) 1-Methylnaphthalene	12.17	142	890805	37.07	ng/ul#	97
41) 1,1'-Biphenyl	12.98	154	198006	8.21	ng/ul	97
45) Dimethylphthalate	13.62	163	190236	7.33	ng/ul	99
48) Acenaphthylene	13.88	152	585907	19.51	ng/ul#	95
50) Acenaphthene	14.22	153	120755	6.17	ng/ul	98
54) Dibenzofuran	14.56	168	118284	4.01	ng/ul#	76
57) Diethylphthalate	15.00	149	26737	0.99	ng/ul#	90
59) Fluorene	15.22	166	471551	18.55	ng/ul	100
70) Phenanthrene	16.98	178	2550924m	92.00	ng/ul	
72) Anthracene	17.06	178	287702	10.43	ng/ul	98
75) Carbazole	17.33	167	45369	1.98	ng/ul#	94
76) Di-n-butylphthalate	17.91	149	87961	2.88	ng/ul#	94
77) Fluoranthene	19.01	202	1742116	57.21	ng/ul	97
80) Pyrene	19.38	202	1934998	42.49	ng/ul	97
81) Butylbenzylphthalate	20.28	149	101828	5.50	ng/ul#	79
83) Benzo(a)anthracene	21.13	228	1279740	31.65	ng/ul#	86
84) Bis(2-ethylhexyl)phthalate	21.06	149	355340m	14.24	ng/ul	
85) Chrysene	21.19	228	1449151	39.13	ng/ul#	86
88) Benzo(b)fluoranthene	22.70	252	1401567	30.63	ng/ul	96
89) Benzo(k)fluoranthene	22.73	252	505374m	12.02	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a)pyrene	23.26	252	922155	22.52	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	25.57	276	536401m	11.33	ng/ul	
93) Dibenzo(a,h)anthracene	25.58	278	153811m	3.79	ng/ul	
94) Benzo(g,h,i)perylene	26.26	276	462557m	11.96	ng/ul	

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

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