Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02A2RE

Manual Integrations APPROVED
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8/4/2015 12:20:05 PM

Quant Time: Aug 03 09:40:30 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	67473	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	263806	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.17	164	120941	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.93	188	219992	20.00	ng/ul	0.02
78) Chrysene-d12	21.15	240	366084	20.00	ng/ul	0.04
86) Perylene-d12	23.37	264	335115	20.00	ng/ul	0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	1001	1.12	ng/uL	0.00
5) Phenol-d5	6.69	99	49991	8.24	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.82	67	30773	9.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	44290	9.67	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	39449	7.98	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	23530	11.32	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	21156	8.87	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.91	165	44318	10.51	ng/ul	0.03
29) 4-Chloroaniline-d4	10.38	131	46873	8.92	ng/ul	-0.02
44) Dimethylphthalate-d6	13.58	166	106929	11.44	ng/ul	0.01
47) Acenaphthylene-d8	13.86	160	119472	11.02	ng/ul	0.02
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.17	176	81291	9.61	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.03	188	113069	11.82	ng/ul	0.03
79) Pyrene-d10	19.35	212	142784	8.06	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.22	264	194643m	11.49	ng/ul	0.07
Target Compounds						Qvalue
11) 2-Methylphenol	7.95	108	13159	2.71	ng/ul	100
14) Acetophenone	8.28	105	66945	8.71	ng/ul	91
16) 4-Methylphenol	8.29	108	85941	15.97	ng/ul	84
24) 2,4-Dimethylphenol	9.48	107	174816	33.36	ng/ul#	84
28) Naphthalene	10.32	128	234261	18.44	ng/ul	98
34) 2-Methylnaphthalene	11.95	142	162247	16.14	ng/ul	95
35) 1-Methylnaphthalene	12.18	142	104472	10.83	ng/ul#	99
41) 1,1'-Biphenyl	12.99	154	34654	4.01	ng/ul	98
45) Dimethylphthalate	13.63	163	205895	22.14	ng/ul	98
50) Acenaphthene	14.23	153	96745	13.80	ng/ul	99
54) Dibenzofuran	14.57	168	85860	8.13	ng/ul#	72
57) Diethylphthalate	15.00	149	20480	2.13	ng/ul#	94
59) Fluorene	15.23	166	117599	12.91	ng/ul	97
70) Phenanthrene	16.98	178	844425	75.56	ng/ul	97
72) Anthracene	17.06	178	206521	18.58	ng/ul	95
75) Carbazole	17.34	167	80066	8.67	ng/ul#	81
76) Di-n-butylphthalate	17.91	149	60476	4.92	ng/ul#	88
77) Fluoranthene	19.01	202	1223732	99.70	ng/ul#	92
80) Pyrene	19.38	202	1236210	55.67	ng/ul#	93
81) Butylbenzylphthalate	20.29	149	112933	12.52	ng/ul#	78
83) Benzo(a)anthracene	21.14	228	679910	34.49	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.08	149	2426252	199.38	ng/ul#	50
85) Chrysene	21.19	228	730488	40.45	ng/ul#	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	22.70	252	961134m	47.74	ng/ul	
89) Benzo(k)fluoranthene	22.73	252	501943m	27.13	ng/ul	
91) Benzo(a)pyrene	23.27	252	658120	36.54	ng/ul#	84
92) Indeno(1,2,3-cd)pyrene	25.60	276	246720	11.84	ng/ul#	91
93) Dibenzo(a,h)anthracene	25.61	278	60577	3.40	ng/ul#	60
94) Benzo(g,h,i)perylene	26.29	276	216580	12.73	ng/ul#	88

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

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