Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070915\
Data File : BG017808.D
Acq On : 9 Jul 2015 14:53
Operator : TP/UM
Sample : SSTD16043
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD16043

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Quant Time: Jul 10 04:28:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 10 03:48:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	67257	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	346360	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	223344	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	468428	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	492845	20.00	ng/ul	0.01
85) Perylene-d12	23.44	264	478728	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.78	99	1015599	176.18	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.95	67	573044	165.90	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.32	113	839112	175.99	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.53	131	826925	121.60	ng/ul	0.01
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	14.50	143	567549	181.32	ng/ul	0.04
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.40	200	498744	215.26	ng/ul	0.03
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.74	77	436247	121.25	ng/ul	97
6) Phenol	6.81	94	1063781	170.95	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.04	93	770812	168.05	ng/ul	99
11) 2-Methylphenol	8.05	108	826178	180.23	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.14	45	1114802	159.27	ng/ul	96
14) Acetophenone	8.43	105	1194884	170.42	ng/ul	98
16) 4-Methylphenol	8.39	108	915672	176.41	ng/ul	94
30) 4-Chloroaniline	10.55	127	822045	121.32	ng/ul	94
32) Caprolactam	11.38	113	598198m	219.83	ng/ul	
37) Hexachlorocyclopentadiene	12.41	237	540447	179.03	ng/ul	97
48) 3-Nitroaniline	14.18	138	510527	131.16	ng/ul	100
50) 2,4-Dinitrophenol	14.39	184	350517	254.27	ng/ul	95
52) 4-Nitrophenol	14.52	109	442249	176.39	ng/ul	98
60) 4-Nitroaniline	15.37	138	649417	145.88	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.42	198	523391	213.56	ng/ul	99
67) Atrazine	16.50	200	784783	157.32	ng/ul	95
68) Pentachlorophenol	16.67	266	546665	262.38	ng/ul	97
74) Carbazole	17.42	167	2835602	126.37	ng/ul#	79
76) Fluoranthene	19.09	202	2987778	118.28	ng/ul#	80
81) 3,3'-Dichlorobenzidine	21.14	252	1089913	125.39	ng/ul	96
86) Di-n-octyl phthalate	22.02	149	3174329	108.95	ng/ul	100

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

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