Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021015\SOM02.2\
Data File : BG015977.D
Acq On : 10 Feb 2015 12:49
Operator : TP/IZ
Sample : SSTD16001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16001

Manual Integrations APPROVED
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Quant Time: Feb 11 03:23:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 11 02:45:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	96909	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	461888	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	279792	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	549519	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	567391	20.00	ng/ul	0.00
83) Perylene-d12	23.68	264	564871	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	7.00	99	1502126	157.70	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	852781	151.13	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.54	113	1188806	159.26	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	10.75	131	871711	99.34	ng/ul	0.00
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	14.67	143	761947	161.71	ng/ul	0.04
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.58	200	623848	215.40	ng/ul	0.04
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
76) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
87) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.97	77	238100	71.62	ng/ul	99
6) Phenol	7.03	94	1530906	152.44	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.26	93	1155397	147.07	ng/ul	95
11) 2-Methylphenol	8.27	108	1171049	158.72	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.36	45	1587190	145.26	ng/ul	98
14) Acetophenone	8.66	105	1621174	146.93	ng/ul	96
16) 4-Methylphenol	8.62	108	1322781	157.00	ng/ul	95
30) 4-Chloroaniline	10.78	127	881625	99.55	ng/ul	97
32) Caprolactam	11.60	113	598171m	159.42	ng/ul	
37) Hexachlorocyclopentadiene	12.63	237	737332	170.66	ng/ul	95
48) 3-Nitroaniline	14.37	138	696033	135.16	ng/ul	96
50) 2,4-Dinitrophenol	14.57	184	463628	234.14	ng/ul	95
52) 4-Nitrophenol	14.69	109	427058	158.29	ng/ul	95
60) 4-Nitroaniline	15.56	138	958063	157.39	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.60	198	649710	204.10	ng/ul	96
67) Atrazine	16.68	200	814804	136.63	ng/ul	94
68) Pentachlorophenol	16.84	266	677664	185.11	ng/ul	96
72) Carbazole	17.61	167	3185777	103.90	ng/ul#	70
74) Fluoranthene	19.26	202	3277205	92.21	ng/ul#	73
79) 3,3'-Dichlorobenzidine	21.29	252	1449839	127.95	ng/ul	94
84) Di-n-octyl phthalate	22.19	149	3416831	95.21	ng/ul	100

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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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