Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
Data File : BG020473.D
Acq On : 24 Dec 2015 13:28
Operator : UM/SJ
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 24 14:21:27 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 13:30:27 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD16006

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	19631	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	83125	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	57923	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	139706m	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	176156	20.00	ng/ul	0.02
86) Perylene-d12	25.01	264	171283	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.25	99	260342	166.67	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.41	67	144640	153.76	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.81	113	217775	165.42	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	11.04	131	224982	132.65	ng/ul	0.01
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.95	143	129282	163.05	ng/ul	0.03
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.85	200	157241	172.48	ng/ul	0.03
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	7.22	77	112599	110.65	ng/ul	98
6) Phenol	7.28	94	270446	166.11	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.50	93	186770	155.27	ng/ul	96
11) 2-Methylphenol	8.53	108	209497	165.73	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.62	45	237878	151.98	ng/ul	97
14) Acetophenone	8.92	105	332843	155.93	ng/ul	96
16) 4-Methylphenol	8.88	108	226757	165.26	ng/ul	98
30) 4-Chloroaniline	11.07	127	227193	132.92	ng/ul	99
32) Caprolactam	11.89	113	74771m	157.57	ng/ul	
38) Hexachlorocyclopentadiene	12.89	237	236971	192.99	ng/ul	98
49) 3-Nitroaniline	14.64	138	129351	138.09	ng/ul	92
51) 2,4-Dinitrophenol	14.84	184	117559	193.98	ng/ul	95
53) 4-Nitrophenol	14.96	109	116775	162.72	ng/ul	95
61) 4-Nitroaniline	15.82	138	152394	146.32	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.87	198	164216	168.70	ng/ul	97
68) Atrazine	16.92	200	264848	151.46	ng/ul	99
69) Pentachlorophenol	17.12	266	185808m	181.50	ng/ul	
75) Carbazole	17.88	167	992861	145.54	ng/ul	96
77) Fluoranthene	19.51	202	1374371	136.46	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.64	252	450887	125.01	ng/ul	93
87) Di-n-octyl phthalate	22.83	149	1325394	147.10	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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