Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025038.D
Acq On : 9 Dec 2016 15:25
Operator : UM/SJ
Sample : H5863-10MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 12 02:24:30 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 11 23:54:53 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : DA7Y8MS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	112098	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	474888	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	388162	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	766448	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	908083	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	950539	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	7296	3.36	ng/uL	0.01
5) Phenol-d5	7.39	99	183267	18.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	127435	21.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	146823	21.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	142408	17.62	ng/ul	0.01
19) Nitrobenzene-d5	9.42	128	79556	23.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	98258	23.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	174401	21.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	88280	11.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	603006	22.58	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	661262	22.61	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	53777	11.72	ng/ul	0.01
57) Fluorene-d10	15.86	176	543548	21.63	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.97	200	99707	21.04	ng/ul	0.00
70) Anthracene-d10	17.71	188	775481	23.97	ng/ul	0.00
76) Pyrene-d10	19.98	212	796042	21.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	800312	20.78	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.42	94	229443	23.11	ng/ul	96
10) 2-Chlorophenol	7.81	128	138129	20.32	ng/ul	90
11) 2-Methylphenol	8.68	108	7682	1.05	ng/ul#	48
15) N-Nitroso-di-n-propylamine	9.05	70	153792	21.65	ng/ul#	86
16) 4-Methylphenol	9.01	108	9630	1.18	ng/ul	84
24) 2,4-Dimethylphenol	10.22	107	13318	1.37	ng/ul#	58
33) 4-Chloro-3-methylphenol	12.33	107	186670	19.35	ng/ul	95
34) 2-Methylnaphthalene	12.71	142	20338	1.17	ng/ul	86
44) Dimethylphthalate	14.31	163	134702	5.13	ng/ul#	99
47) Acenaphthylene	14.60	152	33495	1.18	ng/ul#	87
49) Acenaphthene	14.93	153	438435	22.51	ng/ul	99
52) 4-Nitrophenol	15.08	109	70555	12.78	ng/ul	95
54) 2,4-Dinitrotoluene	15.22	165	187055	22.01	ng/ul#	95
68) Pentachlorophenol	17.25	266	123195	21.05	ng/ul	91
69) Phenanthrene	17.65	178	50702	1.39	ng/ul#	93
74) Fluoranthene	19.65	202	360571	8.29	ng/ul#	94
77) Pyrene	20.01	202	1244006	28.50	ng/ul	97
80) Benzo(a)anthracene	21.88	228	302788	6.42	ng/ul	93
82) Chrysene	21.95	228	516327	11.70	ng/ul	96
85) Benzo(b)fluoranthene	24.23	252	998874	21.19	ng/ul	96
86) Benzo(k)fluoranthene	24.30	252	314170	7.01	ng/ul	96
88) Benzo(a)pyrene	25.16	252	432724	9.55	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	29.26	276	527246m	9.36	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	29.31	278	154500m	3.26	ng/ul	
91) Benzo(g,h,i)perylene	30.50	276	423944m	9.02	ng/ul	

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

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