Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023657.D
Acq On : 12 Aug 2016 15:35
Operator : UM/SJ
Sample : H4360-12MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-01MS

Manual Integrations APPROVED
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8/15/2016 6:49:32 PM

Quant Time: Aug 13 03:09:28 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	195741	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	740680	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.79	164	430651	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	915147	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	937833	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	950929	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	7052	1.53	ng/uL	0.02
5) Phenol-d5	7.27	99	291968	14.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	210439	16.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	220008	16.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	200502	13.02	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	109785	18.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	133750	19.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	221339	17.50	ng/ul	0.01
29) 4-Chloroaniline-d4	11.10	131	50546	3.41	ng/ul	0.01
43) Dimethylphthalate-d6	14.18	166	606731	17.21	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	748438	18.86	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	95126	15.80	ng/ul	0.00
57) Fluorene-d10	15.79	176	553118	16.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	51443	8.76	ng/ul	0.01
70) Anthracene-d10	17.65	188	785085	19.04	ng/ul	0.00
76) Pyrene-d10	19.95	212	813408	17.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	777802	18.07	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.30	94	307616	14.98	ng/ul#	73
10) 2-Chlorophenol	7.68	128	224915	16.42	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.93	70	212785	14.33	ng/ul#	85
33) 4-Chloro-3-methylphenol	12.24	107	242143	14.75	ng/ul	85
44) Dimethylphthalate	14.23	163	404322	11.58	ng/ul	99
49) Acenaphthene	14.85	153	525896	18.60	ng/ul	98
52) 4-Nitrophenol	15.02	109	86947	14.42	ng/ul#	71
54) 2,4-Dinitrotoluene	15.16	165	183280	15.98	ng/ul#	72
68) Pentachlorophenol	17.21	266	97432	15.79	ng/ul	86
69) Phenanthrene	17.60	178	309324	6.53	ng/ul	99
74) Fluoranthene	19.61	202	533273	10.99	ng/ul#	90
77) Pyrene	19.98	202	1402422	24.19	ng/ul#	92
80) Benzo(a)anthracene	21.86	228	228268	4.32	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.73	149	42428	1.43	ng/ul#	91
82) Chrysene	21.93	228	255471	5.32	ng/ul#	94
85) Benzo(b)fluoranthene	24.22	252	340799m	6.30	ng/ul	
86) Benzo(k)fluoranthene	24.27	252	81512	1.53	ng/ul#	77
88) Benzo(a)pyrene	25.13	252	226813	4.34	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.21	276	140082m	2.28	ng/ul	
91) Benzo(g,h,i)perylene	30.45	276	125822m	2.47	ng/ul	

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

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