Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025160.D
Acq On : 14 Dec 2016 00:45
Operator : UM/SJ
Sample : H5992-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-SS021-0106-03

Manual Integrations APPROVED
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12/14/2016 6:17:29 PM

Quant Time: Dec 14 03:50:08 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 03:19:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	77900	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	363058	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	299811	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	588383	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	691194	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	715293	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	6850	4.54	ng/uL	0.01
5) Phenol-d5	7.38	99	191765	28.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	132474	31.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	139624	29.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	129220	23.01	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	77871	30.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	97431	30.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	179313	29.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	113906	18.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	614549	29.80	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	727064	32.19	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	87896	24.80	ng/ul	0.00
57) Fluorene-d10	15.85	176	575537	29.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	91514	25.16	ng/ul	0.00
70) Anthracene-d10	17.70	188	795165	32.02	ng/ul	0.00
76) Pyrene-d10	19.98	212	891561	31.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	922835	31.84	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.41	94	33528	4.86	ng/ul#	92
28) Naphthalene	11.12	128	20872	1.24	ng/ul#	96
44) Dimethylphthalate	14.30	163	117615	5.80	ng/ul#	96
49) Acenaphthene	14.92	153	19572	1.30	ng/ul	93
58) Fluorene	15.90	166	28292	1.46	ng/ul#	98
69) Phenanthrene	17.65	178	327621	11.67	ng/ul	98
71) Anthracene	17.74	178	69488	2.41	ng/ul	95
72) Carbazole	18.01	167	31277	1.30	ng/ul#	90
74) Fluoranthene	19.64	202	455062	13.64	ng/ul	98
77) Pyrene	20.00	202	363658	10.94	ng/ul	100
80) Benzo(a)anthracene	21.88	228	226858	6.32	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.73	149	48529	2.71	ng/ul#	96
82) Chrysene	21.94	228	192413m	5.73	ng/ul	
85) Benzo(b)fluoranthene	24.23	252	256078m	7.22	ng/ul	
86) Benzo(k)fluoranthene	24.28	252	105373m	3.13	ng/ul	
88) Benzo(a)pyrene	25.16	252	174764	5.12	ng/ul	93
89) Indeno(1,2,3-cd)pyrene	29.25	276	112671	2.66	ng/ul#	85
91) Benzo(g,h,i)perylene	30.49	276	81746	2.31	ng/ul	96

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

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