Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121016\
Data File : BG025105.D
Acq On : 11 Dec 2016 16:11
Operator : UM/SJ
Sample : H5905-01 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803

Manual Integrations APPROVED
Sohil
12/12/2016 7:03:05 PM

Quant Time: Dec 16 09:56:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 08:16:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	102278	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	429878	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.88	164	364559	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.62	188	554300	20.00	ng/ul	0.01
75) Chrysene-d12	21.91	240	739161	20.00	ng/ul	0.02
83) Perylene-d12	25.36	264	754363	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	4678	2.36	ng/uL	0.00
5) Phenol-d5	7.39	99	43018	4.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	39067	7.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	29696	4.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	34491	4.68	ng/ul	0.01
19) Nitrobenzene-d5	9.43	128	31731	10.42	ng/ul	0.01
22) 2-Nitrophenol-d4	10.15	143	18195	4.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	34833	4.77	ng/ul	0.02
29) 4-Chloroaniline-d4	11.23	131	232277m	32.38	ng/ul	0.03
43) Dimethylphthalate-d6	14.30	166	139001m	5.54	ng/ul	0.05
46) Acenaphthylene-d8	14.58	160	171218	6.23	ng/ul	0.03
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.86	176	836991m	35.46	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.72	188	160640	6.87	ng/ul	0.02
76) Pyrene-d10	19.99	212	145780	4.79	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.11	264	153296	5.02	ng/ul	0.05
Target Compounds						Qvalue
6) Phenol	7.42	94	741023	81.82	ng/ul	97
11) 2-Methylphenol	8.69	108	2425736	363.77	ng/ul	97
16) 4-Methylphenol	9.05	108	5331016	718.61	ng/ul	89
24) 2,4-Dimethylphenol	10.26	107	8561913m	972.57	ng/ul	
28) Naphthalene	11.13	128	3255158	162.90	ng/ul#	92
34) 2-Methylnaphthalene	12.73	142	4067112	257.91	ng/ul	88
40) 1,1'-Biphenyl	13.71	154	1218928	55.15	ng/ul	99
49) Acenaphthene	14.94	153	375228	20.51	ng/ul#	83
53) Dibenzofuran	15.28	168	1091176	37.71	ng/ul	91
58) Fluorene	15.93	166	1320931	56.08	ng/ul#	94
69) Phenanthrene	17.66	178	1122159	42.42	ng/ul#	94
71) Anthracene	17.75	178	289380	10.64	ng/ul#	86
72) Carbazole	18.03	167	128074	5.64	ng/ul#	49
74) Fluoranthene	19.66	202	291743	9.28	ng/ul#	88
77) Pyrene	20.02	202	373913	10.52	ng/ul#	97

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

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