Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025254.D
Acq On : 17 Dec 2016 1:12
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA8W3

Manual Integrations APPROVED
umangi
12/20/2016 10:48:44 AM

Quant Time: Dec 17 05:25:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 00:22:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	67467	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	264960	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	183168	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	387471	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	554401	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	583325	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	22828	17.48	ng/uL	-0.01
5) Phenol-d5	7.40	99	140262	24.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	88313	24.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	113368	27.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	128578	26.43	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	57171	30.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	67558	28.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	126396	28.10	ng/ul	0.02
29) 4-Chloroaniline-d4	11.21	131	198249	44.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	391268	31.05	ng/ul	0.02
46) Acenaphthylene-d8	14.56	160	457744	33.17	ng/ul	0.00
51) 4-Nitrophenol-d4	15.13	143	109075m	50.37	ng/ul	0.05
57) Fluorene-d10	15.85	176	447769	37.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	100335	41.88	ng/ul	0.02
70) Anthracene-d10	17.70	188	542477	33.17	ng/ul	0.00
76) Pyrene-d10	19.98	212	672018	29.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	725211	30.68	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.43	94	64015	10.72	ng/ul#	86
11) 2-Methylphenol	8.69	108	269973	61.38	ng/ul	95
14) Acetophenone	9.07	105	51264	6.93	ng/ul	92
16) 4-Methylphenol	9.03	108	711160	145.33	ng/ul	89
24) 2,4-Dimethylphenol	10.23	107	1410196m	259.89	ng/ul	
28) Naphthalene	11.12	128	854959	69.41	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	915672	94.21	ng/ul	91
40) 1,1'-Biphenyl	13.69	154	223859	20.16	ng/ul	94
44) Dimethylphthalate	14.31	163	98298	7.94	ng/ul#	92
49) Acenaphthene	14.93	153	63789	6.94	ng/ul#	87
53) Dibenzofuran	15.25	168	207370	14.26	ng/ul	96
58) Fluorene	15.91	166	301402	25.47	ng/ul#	98
69) Phenanthrene	17.65	178	312870	16.92	ng/ul	94
71) Anthracene	17.75	178	89086	4.69	ng/ul#	79
72) Carbazole	18.02	167	50170	3.16	ng/ul#	79
74) Fluoranthene	19.64	202	86614	3.94	ng/ul#	94
77) Pyrene	20.01	202	143216	5.37	ng/ul#	96

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

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