Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025234.D
Acq On : 16 Dec 2016 5:46
Operator : UM/SJ
Sample : H5938-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824

Manual Integrations APPROVED
UMANGI
12/16/2016 6:21:25 PM

Quant Time: Dec 16 06:59:27 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	82353	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	362228	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.87	164	280516	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.61	188	518415	20.00	ng/ul	0.01
75) Chrysene-d12	21.90	240	634500	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	632334	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	11265	7.07	ng/uL	-0.01
5) Phenol-d5	7.39	99	171747	24.17	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	122031	27.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	126862	25.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	164239	27.66	ng/ul	0.01
19) Nitrobenzene-d5	9.42	128	84965	33.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	86396	27.02	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.69	165	163691	26.62	ng/ul	0.01
29) 4-Chloroaniline-d4	11.21	131	345557	57.17	ng/ul	0.01
43) Dimethylphthalate-d6	14.27	166	525405	27.23	ng/ul	0.02
46) Acenaphthylene-d8	14.57	160	620796	29.37	ng/ul	0.02
51) 4-Nitrophenol-d4	15.10	143	157906	47.62	ng/ul	0.04
57) Fluorene-d10	15.86	176	562661m	30.98	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	16.00	200	112848	35.21	ng/ul	0.03
70) Anthracene-d10	17.71	188	673100	30.76	ng/ul	0.01
76) Pyrene-d10	19.98	212	772003	29.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	763256	29.79	ng/ul	0.01
Target Compounds						Qvalue
11) 2-Methylphenol	8.67	108	9617	1.79	ng/ul	87
24) 2,4-Dimethylphenol	10.23	107	95128	12.82	ng/ul#	89
28) Naphthalene	11.12	128	2999069	178.11	ng/ul#	91
34) 2-Methylnaphthalene	12.73	142	4728499	355.85	ng/ul	89
40) 1,1'-Biphenyl	13.70	154	1327199	78.04	ng/ul	97
44) Dimethylphthalate	14.31	163	473018	24.94	ng/ul#	96
49) Acenaphthene	14.94	153	356761	25.35	ng/ul#	88
53) Dibenzofuran	15.27	168	914487	41.07	ng/ul	100
58) Fluorene	15.92	166	975830	53.84	ng/ul#	97
69) Phenanthrene	17.65	178	511853	20.69	ng/ul#	93
71) Anthracene	17.75	178	127261	5.00	ng/ul#	83
74) Fluoranthene	19.65	202	96281	3.27	ng/ul	97
77) Pyrene	20.01	202	104843	3.44	ng/ul#	95

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

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