Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025237.D
Acq On : 16 Dec 2016 7:44
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA850

Manual Integrations APPROVED
UMANGI
12/16/2016 6:21:27 PM

Quant Time: Dec 16 12:59:12 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	99571	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	404682	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	291407	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	550145	20.00	ng/ul	0.01
75) Chrysene-d12	21.91	240	686107	20.00	ng/ul	0.02
83) Perylene-d12	25.35	264	639327	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	8993	4.67	ng/uL	0.00
5) Phenol-d5	7.39	99	239959	27.93	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	157141	29.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	184178	30.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	196554	27.38	ng/ul	0.01
19) Nitrobenzene-d5	9.42	128	95917	33.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	115611	32.36	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.69	165	210782	30.68	ng/ul	0.01
29) 4-Chloroaniline-d4	11.23	131	52622	7.79	ng/ul	0.03
43) Dimethylphthalate-d6	14.25	166	607631	30.31	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	707320	32.22	ng/ul	0.00
51) 4-Nitrophenol-d4	15.11	143	86262	25.04	ng/ul	0.05
57) Fluorene-d10	15.85	176	549059	29.10	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.99	200	112456	33.06	ng/ul	0.02
70) Anthracene-d10	17.71	188	805780	34.70	ng/ul	0.01
76) Pyrene-d10	19.98	212	943952	33.40	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.11	264	936385	36.15	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.42	94	16555	1.88	ng/ul	92
16) 4-Methylphenol	9.01	108	18127	2.51	ng/ul#	79
24) 2,4-Dimethylphenol	10.22	107	49511m	5.97	ng/ul	
28) Naphthalene	11.12	128	161836	8.60	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	386668	26.05	ng/ul	92
40) 1,1'-Biphenyl	13.69	154	93328	5.28	ng/ul	94
44) Dimethylphthalate	14.30	163	364815	18.52	ng/ul	99
49) Acenaphthene	14.93	153	37423	2.56	ng/ul#	79
53) Dibenzofuran	15.26	168	138612	5.99	ng/ul	98
58) Fluorene	15.90	166	75813	4.03	ng/ul#	74
69) Phenanthrene	17.65	178	310875	11.84	ng/ul	96
74) Fluoranthene	19.65	202	142658	4.57	ng/ul	98
77) Pyrene	20.01	202	187875	5.70	ng/ul#	96
80) Benzo(a)anthracene	21.89	228	77121	2.16	ng/ul#	61
81) Bis(2-ethylhexyl)phthalate	21.73	149	1213782	68.29	ng/ul#	94
82) Chrysene	21.96	228	79850	2.39	ng/ul#	72
85) Benzo(b)fluoranthene	24.24	252	84475	2.66	ng/ul#	64

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

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