Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025136.D
Acq On : 13 Dec 2016 5:17
Operator : UM/SJ
Sample : H5860-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA8E6

Manual Integrations APPROVED
sohil
12/13/2016 6:08:01 PM

Quant Time: Dec 13 06:58:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	113978	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	473852	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	353189	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	687905	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	769666	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	806656	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	4296	1.95	ng/uL	0.00
5) Phenol-d5	7.39	99	143074	14.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	91098	14.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	101398	14.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	121937	14.84	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	54695	16.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	65017	15.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	124182	15.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	62327	7.88	ng/ul	0.01
43) Dimethylphthalate-d6	14.25	166	389156	16.02	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	473342	17.79	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	58015	13.89	ng/ul	0.01
57) Fluorene-d10	15.85	176	377036	16.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	68431	16.09	ng/ul	0.00
70) Anthracene-d10	17.70	188	557991	19.22	ng/ul	0.00
76) Pyrene-d10	19.98	212	639273	20.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	627077	19.19	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.42	94	25217	2.50	ng/ul	96
44) Dimethylphthalate	14.30	163	95494	4.00	ng/ul	98
69) Phenanthrene	17.64	178	540110	16.45	ng/ul	99
71) Anthracene	17.74	178	67050	1.99	ng/ul	98
72) Carbazole	18.01	167	62059	2.20	ng/ul	99
74) Fluoranthene	19.64	202	1231599	31.57	ng/ul	99
77) Pyrene	20.01	202	961028	25.97	ng/ul	97
80) Benzo(a)anthracene	21.88	228	374745	9.37	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.73	149	23776	1.19	ng/ul#	82
82) Chrysene	21.95	228	553072	14.79	ng/ul	96
85) Benzo(b)fluoranthene	24.23	252	689212	17.23	ng/ul#	92
86) Benzo(k)fluoranthene	24.29	252	245925m	6.47	ng/ul	
88) Benzo(a)pyrene	25.17	252	358570	9.32	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	29.28	276	280364m	5.87	ng/ul	
91) Benzo(g,h,i)perylene	30.51	276	219906m	5.51	ng/ul	

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

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