Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110317\
Data File : BG030689.D
Acq On : 3 Nov 2017 8:03
Operator : SJ/JU
Sample : I5844-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH4

Manual Integrations APPROVED
Sohil
11/3/2017 10:52:29 AM

Quant Time: Nov 03 08:41:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 03 08:10:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	60237	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	297334	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	194027	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	448228	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	473855	20.00	ng/ul	0.00
83) Perylene-d12	25.08	264	488329	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	4031	2.72	ng/uL	0.00
5) Phenol-d5	7.31	99	84379	14.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	54278	15.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	69890	17.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	60387	12.93	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	38791	18.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	42021	19.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	78177	15.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	32492	5.61	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	281733	16.98	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	349187	17.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	20219	6.60	ng/ul	0.01
57) Fluorene-d10	15.76	176	259881	19.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	24686	11.28	ng/ul	0.00
70) Anthracene-d10	17.61	188	369528	17.43	ng/ul	0.00
76) Pyrene-d10	19.88	212	430284	17.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	405155	17.52	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.34	94	10988	1.837	ng/ul#	85
44) Dimethylphthalate	14.21	163	104618	6.466	ng/ul	99
69) Phenanthrene	17.55	178	577858	23.848	ng/ul	98
71) Anthracene	17.64	178	37654	1.506	ng/ul	98
72) Carbazole	17.91	167	84814	3.774	ng/ul	99
74) Fluoranthene	19.55	202	1541035m	56.906	ng/ul	
77) Pyrene	19.91	202	1206842	38.001	ng/ul	97
80) Benzo(a)anthracene	21.76	228	480136	16.168	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.65	149	21556	1.155	ng/ul#	93
82) Chrysene	21.83	228	781151	28.950	ng/ul	98
85) Benzo(b)fluoranthene	24.04	252	1084553	36.995	ng/ul	97
86) Benzo(k)fluoranthene	24.09	252	346253	12.216	ng/ul	98
88) Benzo(a)pyrene	24.93	252	563468	19.746	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.86	276	559328	17.325	ng/ul	99
90) Dibenzo(a,h)anthracene	28.89	278	122322m	4.561	ng/ul	
91) Benzo(g,h,i)perylene	30.05	276	472340	17.650	ng/ul#	92

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

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