Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC7D1DL

Manual Integrations APPROVED
mohammad
11/19/2015 8:27:58 AM

Quant Time: Nov 19 04:36:30 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 03:06:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	24604	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	106349	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	87152	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	233340	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	307080	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	299476	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	941m	1.63	ng/uL	0.00
5) Phenol-d5	7.29	99	22713	9.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	15528	9.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	14828	9.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	19403	9.30	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	8063	9.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	9174	9.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	19851	9.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	18012	8.93	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	76068	9.65	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	79732	9.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	9204	7.41	ng/ul	0.00
58) Fluorene-d10	15.77	176	64325	9.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	5952	3.95	ng/ul	0.00
71) Anthracene-d10	17.62	188	107462	9.49	ng/ul	0.00
79) Pyrene-d10	19.90	212	120065	8.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	127927	8.18	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.03	128	28922	5.04	ng/ul	97
45) Dimethylphthalate	14.23	163	53588	6.86	ng/ul	99
48) Acenaphthylene	14.51	152	24383	2.86	ng/ul	96
50) Acenaphthene	14.84	153	44937	7.70	ng/ul	98
54) Dibenzofuran	15.18	168	26221	3.06	ng/ul	95
59) Fluorene	15.82	166	53653	7.17	ng/ul	99
70) Phenanthrene	17.57	178	586300	46.95	ng/ul	100
72) Anthracene	17.66	178	184838	14.68	ng/ul	99
75) Carbazole	17.92	167	10609m	1.05	ng/ul	
77) Fluoranthene	19.57	202	1270095m	79.80	ng/ul	
80) Pyrene	19.93	202	1037974	57.88	ng/ul	98
83) Benzo(a)anthracene	21.78	228	632425	33.98	ng/ul	95
85) Chrysene	21.84	228	481420	27.47	ng/ul	98
88) Benzo(b)fluoranthene	24.06	252	573921	31.10	ng/ul	98
89) Benzo(k)fluoranthene	24.11	252	199293	11.19	ng/ul	95
91) Benzo(a)pyrene	24.96	252	462794	26.05	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.91	276	249892m	12.57	ng/ul	
93) Dibenzo(a,h)anthracene	28.95	278	69189	4.23	ng/ul#	85
94) Benzo(g,h,i)perylene	30.11	276	198260m	12.02	ng/ul	

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

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