Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027513.D
Acq On : 17 Jun 2017 19:10
Operator : SJ/MA
Sample : I3599-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5D37

Manual Integrations APPROVED
mohammad
6/19/2017 9:13:35 AM

Quant Time: Jun 19 02:21:25 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 19 01:52:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	92006	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	492519	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	316259	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	691064	20.00	ng/ul	0.00
75) Chrysene-d12	22.24	240	783705	20.00	ng/ul	0.00
83) Perylene-d12	25.92	264	756540	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	4.07	96	3361	1.46	ng/uL	0.00
5) Phenol-d5	7.65	99	126901	12.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	91576	13.47	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	85909	13.03	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	108530	13.91	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	48818	13.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	48550	12.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	93552	13.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	125626	13.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	349592	13.20	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	413609	13.56	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	10743	2.07	ng/ul	0.00
57) Fluorene-d10	16.09	176	314202	12.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	10528	2.45	ng/ul	0.00
70) Anthracene-d10	17.95	188	475486	14.76	ng/ul	0.00
76) Pyrene-d10	20.22	212	546035	14.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.66	264	511485	15.01	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.68	94	11182	1.069	ng/ul	92
28) Naphthalene	11.39	128	54937	2.171	ng/ul	98
44) Dimethylphthalate	14.53	163	99860	3.802	ng/ul	97
47) Acenaphthylene	14.84	152	32888	1.076	ng/ul	97
69) Phenanthrene	17.90	178	143542	3.865	ng/ul	97
71) Anthracene	17.99	178	89186	2.362	ng/ul	95
72) Carbazole	18.25	167	45047	1.387	ng/ul	99
74) Fluoranthene	19.89	202	1257591	30.097	ng/ul#	86
77) Pyrene	20.26	202	1540685	33.258	ng/ul#	81
80) Benzo(a)anthracene	22.21	228	965148	22.115	ng/ul	96
82) Chrysene	22.29	228	1180505	29.950	ng/ul	95
85) Benzo(b)fluoranthene	24.75	252	2476764	54.969	ng/ul#	93
86) Benzo(k)fluoranthene	24.81	252	713815m	16.482	ng/ul	
88) Benzo(a)pyrene	25.74	252	1057686	24.449	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	30.12	276	733575	14.854	ng/ul#	88
90) Dibenzo(a,h)anthracene	30.16	278	212422	5.010	ng/ul#	91
91) Benzo(g,h,i)perylene	31.44	276	430412	10.645	ng/ul#	89

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

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