Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027545.D
Acq On : 20 Jun 2017 1:36
Operator : SJ/MA
Sample : I3627-20 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5C49

Manual Integrations APPROVED
mohammad
6/20/2017 11:55:43 AM

Quant Time: Jun 20 03:35:07 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:50:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	35739	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	183361	20.00	ng/ul	0.01
35) Acenaphthene-d10	15.10	164	115483	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	247437	20.00	ng/ul	0.00
75) Chrysene-d12	22.24	240	299478	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	272565	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.66	99	2581	0.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.84	67	2079	0.79	ng/ul	0.01
9) 2-Chlorophenol-d4	8.06	132	1836	0.72	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	2235	0.74	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	1300	0.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	974	0.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	2053	0.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	6281m	1.86	ng/ul	0.05
43) Dimethylphthalate-d6	14.49	166	9102	0.94	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	9950	0.89	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	16.09	176	9800	1.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.96	188	11984	1.04	ng/ul	0.00
76) Pyrene-d10	20.23	212	14301	0.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	12943	1.05	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.42	128	7227732	767.04	ng/ul#	67
34) 2-Methylnaphthalene	12.96	142	1009347	144.45	ng/ul	95
40) 1,1'-Biphenyl	13.94	154	307129	33.62	ng/ul#	96
47) Acenaphthylene	14.83	152	75592	6.77	ng/ul#	96
49) Acenaphthene	15.17	153	884197	113.59	ng/ul	98
53) Dibenzofuran	15.50	168	1075319	94.78	ng/ul	100
58) Fluorene	16.16	166	1191197	126.52	ng/ul	100
69) Phenanthrene	17.91	178	4024798m	302.69	ng/ul	
71) Anthracene	18.00	178	1966717	145.46	ng/ul	96
72) Carbazole	18.26	167	742357	63.84	ng/ul	97
74) Fluoranthene	19.90	202	3131924	209.34	ng/ul#	79
77) Pyrene	20.26	202	2502770	141.38	ng/ul#	82
80) Benzo(a)anthracene	22.21	228	1051937	63.08	ng/ul	97
82) Chrysene	22.29	228	951794	63.19	ng/ul	98
85) Benzo(b)fluoranthene	24.73	252	983122	60.56	ng/ul#	95
86) Benzo(k)fluoranthene	24.79	252	298221m	19.11	ng/ul	
88) Benzo(a)pyrene	25.72	252	593854	38.10	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	30.09	276	287286	16.15	ng/ul#	92
90) Dibenzo(a,h)anthracene	30.14	278	81251m	5.32	ng/ul	
91) Benzo(g,h,i)perylene	31.41	276	197076	13.53	ng/ul#	88

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

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