Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025115.D
Acq On : 12 Dec 2016 15:28
Operator : UM/SJ
Sample : H5860-15 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8E2

Manual Integrations APPROVED
sohil
12/13/2016 6:06:44 PM

Quant Time: Dec 13 00:49:27 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 00:29:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	76095	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	370521	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	303736	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	634518	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	773006	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	788430	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	1003	0.68	ng/uL	0.00
5) Phenol-d5	7.39	99	28471	4.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	20155	4.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	23008	5.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	27099	4.94	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	11589	4.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	12165	3.72	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.69	165	27115	4.31	ng/ul	0.01
29) 4-Chloroaniline-d4	11.21	131	15210	2.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	100803	4.82	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	109247	4.77	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	10255m	2.86	ng/ul	0.02
57) Fluorene-d10	15.85	176	93702	4.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	11085	2.83	ng/ul	0.01
70) Anthracene-d10	17.70	188	137113	5.12	ng/ul	0.00
76) Pyrene-d10	19.98	212	171177	5.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	167910	5.26	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.30	163	24010	1.17	ng/ul#	95
49) Acenaphthene	14.93	153	26640	1.75	ng/ul	87
53) Dibenzofuran	15.26	168	24185	1.00	ng/ul	92
58) Fluorene	15.90	166	32479	1.65	ng/ul	90
69) Phenanthrene	17.65	178	1179341	38.94	ng/ul	100
71) Anthracene	17.74	178	68791	2.21	ng/ul	99
72) Carbazole	18.01	167	155870	6.00	ng/ul	95
74) Fluoranthene	19.65	202	2391747	66.46	ng/ul	99
77) Pyrene	20.01	202	1989879	53.55	ng/ul	98
80) Benzo(a)anthracene	21.88	228	725476	18.06	ng/ul	97
82) Chrysene	21.95	228	1126215	29.98	ng/ul	97
85) Benzo(b)fluoranthene	24.23	252	1303062	33.33	ng/ul	99
86) Benzo(k)fluoranthene	24.29	252	438791	11.81	ng/ul	98
88) Benzo(a)pyrene	25.16	252	721826	19.20	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.26	276	716359m	15.33	ng/ul	
90) Dibenzo(a,h)anthracene	29.30	278	177085m	4.50	ng/ul	
91) Benzo(g,h,i)perylene	30.49	276	604399m	15.50	ng/ul	

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

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