Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
Data File : BG025739.D
Acq On : 1 Feb 2017 5:39
Operator : SJ/MA
Sample : I1460-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNS5

Manual Integrations APPROVED
mohammad
2/1/2017 4:57:09 PM

Quant Time: Feb 01 06:46:03 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 01 04:33:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	76805	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	346710	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	269749	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	597014	20.00	ng/ul	0.00
75) Chrysene-d12	21.83	240	740008	20.00	ng/ul	0.00
83) Perylene-d12	25.21	264	772366	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	1813m	1.18	ng/uL	0.00
5) Phenol-d5	7.34	99	59858	9.09	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.49	67	40560	9.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	43964	9.47	ng/ul	0.01
13) 4-Methylphenol-d8	8.90	113	50277	8.99	ng/ul	0.02
19) Nitrobenzene-d5	9.36	128	22627	9.21	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	21920	7.47	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.65	165	42050	7.27	ng/ul	0.02
29) 4-Chloroaniline-d4	11.17	131	35138	5.43	ng/ul	0.02
43) Dimethylphthalate-d6	14.20	166	177580	9.32	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	212994	10.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	19523m	7.48	ng/ul	0.04
57) Fluorene-d10	15.79	176	168869	9.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	22057	5.99	ng/ul	0.01
70) Anthracene-d10	17.64	188	272506	10.72	ng/ul	0.00
76) Pyrene-d10	19.92	212	329762	10.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.98	264	295904	9.12	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.37	94	8314	1.20	ng/ul#	78
44) Dimethylphthalate	14.24	163	67767	3.62	ng/ul#	95
47) Acenaphthylene	14.53	152	41483	2.07	ng/ul#	93
69) Phenanthrene	17.59	178	382368	13.18	ng/ul	95
71) Anthracene	17.69	178	52022m	1.78	ng/ul	
74) Fluoranthene	19.59	202	995937	29.08	ng/ul	99
77) Pyrene	19.95	202	1003040	27.56	ng/ul	96
80) Benzo(a)anthracene	21.81	228	644915	16.49	ng/ul	98
82) Chrysene	21.88	228	639581	17.39	ng/ul	98
85) Benzo(b)fluoranthene	24.13	252	823739	20.61	ng/ul#	96
86) Benzo(k)fluoranthene	24.19	252	270286	7.21	ng/ul#	98
88) Benzo(a)pyrene	25.05	252	482628	12.76	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	29.10	276	398300	8.32	ng/ul	100
90) Dibenzo(a,h)anthracene	29.13	278	125702m	3.15	ng/ul	
91) Benzo(g,h,i)perylene	30.35	276	50127	1.27	ng/ul	94

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

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