Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022096.D
Acq On : 27 May 2016 1:11
Operator : UM/SJ
Sample : H3201-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZJ5

Manual Integrations APPROVED
sohil
5/27/2016 7:41:24 PM

Quant Time: May 27 07:17:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 27 05:50:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	32881	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	174424	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	97604	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	168158	20.00	ng/ul	0.00
75) Chrysene-d12	21.82	240	168922	20.00	ng/ul	0.00
83) Perylene-d12	25.16	264	171003	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	663	1.05	ng/uL	0.00
5) Phenol-d5	7.33	99	22975	7.73	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.47	67	12437	7.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	21250	8.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	24147	9.58	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	12279	9.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	10673	7.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	19705	8.02	ng/ul	0.02
29) 4-Chloroaniline-d4	11.12	131	22633	8.45	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	92669	12.64	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	117920	11.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	205	0.16	ng/ul	0.00
57) Fluorene-d10	15.78	176	80684	11.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.63	188	123288	15.28	ng/ul	0.00
76) Pyrene-d10	19.91	212	146125	15.34	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.93	264	141023	17.77	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	11.03	128	240065	27.14	ng/ul	99
34) 2-Methylnaphthalene	12.63	142	50487	7.99	ng/ul	96
40) 1,1'-Biphenyl	13.62	154	16126	2.01	ng/ul#	94
44) Dimethylphthalate	14.23	163	33629	4.56	ng/ul	99
49) Acenaphthene	14.85	153	285666	39.66	ng/ul	100
53) Dibenzofuran	15.18	168	136816	15.36	ng/ul	100
58) Fluorene	15.83	166	191912	25.52	ng/ul	95
69) Phenanthrene	17.58	178	1636893m	175.00	ng/ul	
71) Anthracene	17.67	178	499424	52.72	ng/ul	98
72) Carbazole	17.93	167	190485	23.20	ng/ul	98
74) Fluoranthene	19.58	202	1824412	190.86	ng/ul	97
77) Pyrene	19.94	202	1635546	137.60	ng/ul	97
80) Benzo(a)anthracene	21.80	228	877177	88.54	ng/ul	95
82) Chrysene	21.87	228	728306	76.64	ng/ul#	93
85) Benzo(b)fluoranthene	24.10	252	884826	88.42	ng/ul	96
86) Benzo(k)fluoranthene	24.15	252	315588m	32.40	ng/ul	
88) Benzo(a)pyrene	25.01	252	689313	71.39	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.99	276	372873	33.68	ng/ul#	95
90) Dibenzo(a,h)anthracene	29.03	278	101565m	10.96	ng/ul	
91) Benzo(g,h,i)perylene	30.18	276	304885	34.38	ng/ul	92

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

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