Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
Data File : BG022055.D
Acq On : 23 May 2016 20:39
Operator : UM/SJ
Sample : H3124-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGJ2

Manual Integrations APPROVED
umangi
5/24/2016 7:37:50 PM

Quant Time: May 24 08:30:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 07:40:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	38870	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	184577	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	92975	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	169349	20.00	ng/ul	0.00
75) Chrysene-d12	21.82	240	159219	20.00	ng/ul	0.00
83) Perylene-d12	25.16	264	147878	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	2785	3.73	ng/uL	0.00
5) Phenol-d5	7.31	99	69322	19.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	36467	19.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	61234	20.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	54770	18.39	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	29516	21.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	31332	21.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	55801	21.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	58175	20.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	153583	21.99	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	217588	22.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	16851	14.01	ng/ul	0.00
57) Fluorene-d10	15.78	176	140120	21.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.64	188	187041	23.01	ng/ul	0.00
76) Pyrene-d10	19.91	212	197053	21.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.94	264	169566	24.71	ng/ul	0.01
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.63	142	7774	1.16	ng/ul	94
44) Dimethylphthalate	14.23	163	62832	8.95	ng/ul#	89
69) Phenanthrene	17.58	178	61233	6.50	ng/ul#	89
74) Fluoranthene	19.58	202	73189	7.60	ng/ul	100
77) Pyrene	19.94	202	105057	9.38	ng/ul	98
80) Benzo(a)anthracene	21.80	228	38891	4.16	ng/ul#	89
82) Chrysene	21.86	228	41852	4.67	ng/ul#	91
85) Benzo(b)fluoranthene	24.10	252	49307	5.70	ng/ul#	76
86) Benzo(k)fluoranthene	24.15	252	22801m	2.71	ng/ul	
88) Benzo(a)pyrene	25.00	252	40618	4.86	ng/ul#	80
89) Indeno(1,2,3-cd)pyrene	29.00	276	25354m	2.65	ng/ul	
91) Benzo(g,h,i)perylene	30.19	276	26615m	3.47	ng/ul	

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

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