Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
Data File : BG022048.D
Acq On : 23 May 2016 15:56
Operator : UM/SJ
Sample : H3124-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGF7

Manual Integrations APPROVED
umangi
5/24/2016 7:37:06 PM

Quant Time: May 24 07:31:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 05:44:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43280	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	227548	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	122102	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	216073	20.00	ng/ul	0.00
75) Chrysene-d12	21.82	240	179412	20.00	ng/ul	0.00
83) Perylene-d12	25.15	264	173365	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1853	2.23	ng/uL	0.00
5) Phenol-d5	7.31	99	47386	12.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	24001	11.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	42217	12.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	40356	12.17	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	19996	11.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	21429	11.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	39407	12.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	43058	12.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	126848	13.83	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	174215	13.60	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	8183m	5.18	ng/ul	0.02
57) Fluorene-d10	15.77	176	109278	12.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	6416	5.68	ng/ul	0.00
70) Anthracene-d10	17.63	188	145020	13.98	ng/ul	0.00
76) Pyrene-d10	19.91	212	138023	13.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.92	264	116647	14.50	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	34823	3.78	ng/ul#	94
47) Acenaphthylene	14.51	152	19683	1.51	ng/ul	99
58) Fluorene	15.83	166	16424	1.75	ng/ul	98
69) Phenanthrene	17.58	178	204192	16.99	ng/ul	99
71) Anthracene	17.66	178	42826	3.52	ng/ul	95
74) Fluoranthene	19.57	202	260057	21.17	ng/ul	99
77) Pyrene	19.94	202	293730	23.27	ng/ul	98
80) Benzo(a)anthracene	21.80	228	92680	8.81	ng/ul	97
82) Chrysene	21.87	228	96803	9.59	ng/ul	98
85) Benzo(b)fluoranthene	24.10	252	95020	9.37	ng/ul#	92
86) Benzo(k)fluoranthene	24.15	252	34722m	3.52	ng/ul	
88) Benzo(a)pyrene	25.00	252	88070	9.00	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.97	276	43522m	3.88	ng/ul	
91) Benzo(g,h,i)perylene	30.17	276	36984m	4.11	ng/ul	

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

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