Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021895.D
Acq On : 15 May 2016 16:14
Operator : UM/SJ
Sample : H3096-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XG2

Manual Integrations APPROVED
sohil
5/16/2016 7:04:04 PM

Quant Time: May 16 03:31:42 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	55282	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	283164	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	173610	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	367622	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	365641	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	370842	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	2326	2.03	ng/uL	0.00
5) Phenol-d5	7.32	99	52751	12.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	27689	13.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	53919	16.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	39362	11.42	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	27787	14.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	30167	25.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	55149	16.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	49137	13.72	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	193894	15.90	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	265782	15.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	16850m	8.06	ng/ul	0.00
58) Fluorene-d10	15.78	176	180313	14.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	19983	19.62	ng/ul	0.00
71) Anthracene-d10	17.63	188	255683	14.29	ng/ul	0.00
77) Pyrene-d10	19.91	212	268765	15.70	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	254728	14.46	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.23	163	98787	7.95	ng/ul	99
69) Pentachlorophenol	17.18	266	3321	1.96	ng/ul	93
70) Phenanthrene	17.58	178	95567	4.75	ng/ul	99
74) Di-n-butylphthalate	18.47	149	18059	1.12	ng/ul#	97
75) Fluoranthene	19.57	202	223924	9.81	ng/ul#	95
78) Pyrene	19.94	202	206008m	9.74	ng/ul	
79) Butylbenzylphthalate	20.81	149	5514m	1.18	ng/ul	
81) Benzo(a)anthracene	21.80	228	156674	7.70	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.68	149	162087	21.23	ng/ul	99
83) Chrysene	21.86	228	177189	8.80	ng/ul	97
86) Benzo(b)fluoranthene	24.09	252	388283	18.29	ng/ul#	95
87) Benzo(k)fluoranthene	24.15	252	96109m	4.23	ng/ul	
89) Benzo(a)pyrene	25.00	252	240065	11.36	ng/ul#	96
90) Indeno(1,2,3-cd)pyrene	28.97	276	214639m	8.57	ng/ul	
91) Dibenzo(a,h)anthracene	29.01	278	56836	2.73	ng/ul#	91
92) Benzo(g,h,i)perylene	30.18	276	211542m	10.23	ng/ul	

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

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