Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
Data File : BG019801.D
Acq On : 23 Nov 2015 3:47
Operator : UM/NP
Sample : G4345-22
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4J67

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:14:37 PM

Quant Time: Nov 23 06:05:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 04:11:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	22455	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	97730	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.76	164	80144	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	213644	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	280986	20.00	ng/ul	0.00
86) Perylene-d12	25.07	264	270247	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	1412	2.69	ng/uL	0.00
5) Phenol-d5	7.26	99	40183	17.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	25062	16.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	25600	17.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	30741	16.14	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	14365	17.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	16457	18.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	35979	18.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	2615m	1.41	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	136918	18.89	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	131330	16.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	16688	14.61	ng/ul	0.00
58) Fluorene-d10	15.74	176	104289	16.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	22553	16.34	ng/ul	0.00
71) Anthracene-d10	17.59	188	156769	15.11	ng/ul	0.00
79) Pyrene-d10	19.87	212	164893	12.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	139625	9.90	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.24	77	2495	1.49	ng/ul	95
6) Phenol	7.29	94	2972	1.20	ng/ul	97
45) Dimethylphthalate	14.20	163	84982	11.82	ng/ul	97
59) Fluorene	15.80	166	8337	1.21	ng/ul#	78
70) Phenanthrene	17.53	178	152492	13.34	ng/ul	97
72) Anthracene	17.63	178	31374	2.72	ng/ul	98
75) Carbazole	17.89	167	11461	1.24	ng/ul	98
77) Fluoranthene	19.54	202	214487	14.72	ng/ul	99
80) Pyrene	19.90	202	179949	10.97	ng/ul	97
83) Benzo(a)anthracene	21.75	228	101105	5.94	ng/ul	97
85) Chrysene	21.81	228	104112	6.49	ng/ul	96
88) Benzo(b)fluoranthene	24.01	252	114397	6.87	ng/ul	99
89) Benzo(k)fluoranthene	24.07	252	43723m	2.72	ng/ul	
91) Benzo(a)pyrene	24.91	252	83553	5.21	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.84	276	58333	3.25	ng/ul	93
94) Benzo(g,h,i)perylene	30.04	276	44668m	3.00	ng/ul	

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

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