Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023668.D
Acq On : 12 Aug 2016 22:51
Operator : UM/SJ
Sample : H4385-22MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P003-SS001-1218-01MSD

Manual Integrations APPROVED
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8/15/2016 6:50:02 PM

Quant Time: Aug 15 18:00:42 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 03:19:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	139189	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	609019	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	422781	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.55	188	962994	20.00	ng/ul	-0.01
75) Chrysene-d12	21.88	240	934380	20.00	ng/ul	-0.02
83) Perylene-d12	25.28	264	955894	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	9336	2.85	ng/uL	0.00
5) Phenol-d5	7.27	99	254806	18.17	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	167097	18.60	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	183919	19.23	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	198123	18.10	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	102065	21.26	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.02	143	124797	22.64	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	220329	21.19	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	246040	20.17	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	767220	22.16	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	901882	23.15	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.00	143	125213	21.19	ng/ul	-0.02
57) Fluorene-d10	15.79	176	692669	21.66	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	119901	19.41	ng/ul	-0.02
70) Anthracene-d10	17.65	188	1017962	23.46	ng/ul	-0.01
76) Pyrene-d10	19.94	212	1083365	22.91	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.05	264	1065209	24.62	ng/ul	-0.04
Target Compounds						Qvalue
6) Phenol	7.30	94	271347	18.58	ng/ul#	71
10) 2-Chlorophenol	7.67	128	184036m	18.89	ng/ul	
15) N-Nitroso-di-n-propylamine	8.92	70	209934	19.88	ng/ul#	88
33) 4-Chloro-3-methylphenol	12.24	107	299898m	22.22	ng/ul	
44) Dimethylphthalate	14.23	163	390626	11.40	ng/ul	98
47) Acenaphthylene	14.51	152	46801	1.15	ng/ul	95
49) Acenaphthene	14.85	153	642376	23.14	ng/ul	95
52) 4-Nitrophenol	15.02	109	121329	20.50	ng/ul#	72
54) 2,4-Dinitrotoluene	15.16	165	257898	22.90	ng/ul#	77
68) Pentachlorophenol	17.21	266	148119	22.82	ng/ul	91
69) Phenanthrene	17.59	178	335424	6.73	ng/ul	98
74) Fluoranthene	19.61	202	488296	9.56	ng/ul#	91
77) Pyrene	19.97	202	1866534	32.31	ng/ul	97
80) Benzo(a)anthracene	21.85	228	309130m	5.87	ng/ul	
82) Chrysene	21.92	228	347355	7.26	ng/ul#	95
85) Benzo(b)fluoranthene	24.20	252	326284m	6.00	ng/ul	
86) Benzo(k)fluoranthene	24.26	252	125106m	2.34	ng/ul	
88) Benzo(a)pyrene	25.13	252	282184m	5.38	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.18	276	173002m	2.80	ng/ul	
91) Benzo(g,h,i)perylene	30.39	276	193256m	3.78	ng/ul	

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

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