Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG020788.D
Acq On : 4 Feb 2016 15:51
Operator : SJ/IZ
Sample : H1334-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBG13

Manual Integrations APPROVED
mohammad
2/5/2016 3:39:00 PM

Quant Time: Feb 05 04:57:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 04:10:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	19540	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	98618	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	56386	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	108640	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	90811	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	87934	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	1110	2.72	ng/uL	0.00
5) Phenol-d5	7.41	99	30501	15.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	17851	17.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	25842	17.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	26107	15.13	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	12476	20.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	10626	20.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	24929	17.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	34655	17.11	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	85318	17.71	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	112957	19.24	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	10229	12.01	ng/ul	0.00
58) Fluorene-d10	15.87	176	74993	17.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	4565	12.72	ng/ul	0.00
71) Anthracene-d10	17.72	188	103005	19.28	ng/ul	0.00
79) Pyrene-d10	19.99	212	95421	19.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	91604	19.44	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.33	163	25887	5.15	ng/ul#	98
70) Phenanthrene	17.66	178	28719	4.21	ng/ul	97
77) Fluoranthene	19.65	202	56034	7.99	ng/ul#	76
80) Pyrene	20.01	202	44538	6.49	ng/ul#	76
83) Benzo(a)anthracene	21.88	228	23852	4.08	ng/ul	98
85) Chrysene	21.95	228	20370m	3.75	ng/ul	
88) Benzo(b)fluoranthene	24.20	252	26942	4.68	ng/ul#	90
89) Benzo(k)fluoranthene	24.27	252	11034m	1.96	ng/ul	
91) Benzo(a)pyrene	25.12	252	18636	3.38	ng/ul#	83
92) Indeno(1,2,3-cd)pyrene	29.14	276	13380	2.08	ng/ul#	83
94) Benzo(g,h,i)perylene	30.35	276	11785m	2.23	ng/ul	

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

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