Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042030.D
Acq On : 7 Aug 2019 14:20
Operator : HP/JU
Sample : K4028-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENZ3

Manual Integrations APPROVED
mohammad
8/7/2019 4:40:55 PM

Quant Time: Aug 07 16:10:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	82178	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	347312	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	249612	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	529127	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	510486	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	614274	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	4111	2.19	ng/uL	0.00
5) Phenol-d5	7.18	99	99293	15.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	54231	15.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	97148	17.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	86836	16.04	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	48347	18.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	58550	19.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	110114	17.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	113803	16.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	354603	18.32	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	406436	18.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	34887	10.73	ng/ul	0.00
57) Fluorene-d10	15.68	176	316136	18.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	41907	12.34	ng/ul	0.00
70) Anthracene-d10	17.54	188	490698	19.33	ng/ul	0.00
78) Pyrene-d10	19.83	212	557881	19.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	630659	19.65	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.13	163	124199	6.461	ng/ul	97
69) Phenanthrene	17.48	178	55985	1.933	ng/ul	99
76) Fluoranthene	19.49	202	143815m	4.297	ng/ul	
79) Pyrene	19.85	202	129930	3.784	ng/ul	96
82) Benzo(a)anthracene	21.70	228	70856	2.002	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.61	149	29626	1.607	ng/ul	99
84) Chrysene	21.77	228	75571	2.288	ng/ul	97
87) Benzo(b)fluoranthene	23.95	252	103924	2.696	ng/ul#	97
90) Benzo(a)pyrene	24.83	252	74177	2.019	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	28.71	276	52184	1.218	ng/ul	99
93) Benzo(g,h,i)perylene	29.87	276	50899m	1.423	ng/ul	

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

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