Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042203.D
Acq On : 14 Aug 2019 9:58
Operator : HP/JU
Sample : K4304-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5P0

Manual Integrations APPROVED
mohammad
8/15/2019 5:11:45 PM

Quant Time: Aug 14 11:04:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 10:42:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	89238	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	365761	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	247637	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	503449	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	492023	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	583087	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	5065	2.48	ng/uL	0.00
5) Phenol-d5	7.18	99	124419	17.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	63436	16.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	114713	19.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	106384	18.09	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	56493	20.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	70829	22.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	130803	20.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	150175	20.97	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	414291	21.57	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	476162	21.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	50281	15.59	ng/ul	0.00
57) Fluorene-d10	15.68	176	363100	21.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	46614	14.43	ng/ul	0.00
70) Anthracene-d10	17.54	188	531266	21.99	ng/ul	0.00
78) Pyrene-d10	19.82	212	610959	22.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	695410	22.83	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.90	128	27111	1.450	ng/ul#	95
44) Dimethylphthalate	14.13	163	32148	1.686	ng/ul	98
49) Acenaphthene	14.75	153	20764	1.341	ng/ul	98
53) Dibenzofuran	15.09	168	29027	1.256	ng/ul	93
58) Fluorene	15.73	166	28276	1.519	ng/ul	91
69) Phenanthrene	17.48	178	421540	15.295	ng/ul	99
71) Anthracene	17.57	178	79830	2.856	ng/ul	97
74) Carbazole	17.84	167	37732	1.630	ng/ul	97
76) Fluoranthene	19.49	202	541754	17.012	ng/ul	97
79) Pyrene	19.85	202	445613	13.464	ng/ul	98
82) Benzo(a)anthracene	21.70	228	256039	7.505	ng/ul	99
84) Chrysene	21.77	228	231297	7.264	ng/ul	97
87) Benzo(b)fluoranthene	23.96	252	321949	8.798	ng/ul	97
88) Benzo(k)fluoranthene	24.02	252	108676m	3.089	ng/ul	
90) Benzo(a)pyrene	24.84	252	210320	6.032	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.72	276	122629	3.015	ng/ul	96
92) Dibenzo(a,h)anthracene	28.78	278	37106m	1.119	ng/ul	
93) Benzo(g,h,i)perylene	29.89	276	99478	2.930	ng/ul	98

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

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