Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042200.D
Acq On : 14 Aug 2019 8:03
Operator : HP/JU
Sample : K4304-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N7

Manual Integrations APPROVED
mohammad
8/15/2019 5:11:40 PM

Quant Time: Aug 14 10:50:27 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	89143	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	368736	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	250574	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	507358	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	493725	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	591093	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	8266	4.06	ng/uL	0.00
5) Phenol-d5	7.18	99	198436	28.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	102318	26.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	180027	30.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	170472	29.02	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	89493	32.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	112669	34.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	205525	31.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	230087	31.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	586385	30.17	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	696216	31.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	76990	23.59	ng/ul	0.00
57) Fluorene-d10	15.68	176	520095	30.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	76853	23.61	ng/ul	0.00
70) Anthracene-d10	17.54	188	752687	30.92	ng/ul	0.00
78) Pyrene-d10	19.83	212	841228	30.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	961340	31.13	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.90	128	21904	1.162	ng/ul	99
44) Dimethylphthalate	14.13	163	73068	3.787	ng/ul	99
49) Acenaphthene	14.75	153	24019	1.533	ng/ul	94
53) Dibenzofuran	15.09	168	23725	1.015	ng/ul	97
58) Fluorene	15.73	166	25762	1.368	ng/ul	98
69) Phenanthrene	17.48	178	431198	15.524	ng/ul	100
71) Anthracene	17.57	178	90331	3.207	ng/ul	97
74) Carbazole	17.84	167	38555	1.652	ng/ul	97
76) Fluoranthene	19.49	202	718446	22.387	ng/ul	97
79) Pyrene	19.86	202	599800	18.060	ng/ul	97
82) Benzo(a)anthracene	21.70	228	362152	10.579	ng/ul	98
84) Chrysene	21.77	228	334807	10.479	ng/ul	98
87) Benzo(b)fluoranthene	23.96	252	458910	12.371	ng/ul	98
88) Benzo(k)fluoranthene	24.01	252	183528m	5.146	ng/ul	
90) Benzo(a)pyrene	24.84	252	323410	9.149	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.72	276	196796	4.773	ng/ul	97
92) Dibenzo(a,h)anthracene	28.76	278	54060m	1.607	ng/ul	
93) Benzo(g,h,i)perylene	29.89	276	155051	4.504	ng/ul	97

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

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