Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Data File : BG041940.D
Acq On : 4 Aug 2019 13:07
Operator : HP/JU
Sample : K3850-08
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

Manual Integrations APPROVED
mohammad
8/6/2019 12:18:38 PM

Quant Time: Aug 06 11:59:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	104531	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	425739	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	285667	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.46	188	575033	20.00	ng/ul	0.01
77) Chrysene-d12	21.76	240	593394	20.00	ng/ul	0.03
85) Perylene-d12	25.05	264	614779m	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	6790	2.84	ng/uL	0.00
5) Phenol-d5	7.18	99	175255	21.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	102550	22.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	163275	23.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	151690	22.02	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	84982	26.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	104169	27.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	187388	24.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	209642	25.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	541428	24.44	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	696241	27.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	78733	21.16	ng/ul	0.01
57) Fluorene-d10	15.69	176	489657	24.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.83	200	31109	8.43	ng/ul	0.03
70) Anthracene-d10	17.56	188	742317	26.91	ng/ul	0.01
78) Pyrene-d10	19.85	212	838957	25.34	ng/ul	0.01
89) Benzo(a)pyrene-d12	24.83	264	874527	27.23	ng/ul	0.06
Target Compounds						Qvalue
28) Naphthalene	10.92	128	519232	23.856	ng/ul	99
34) 2-Methylnaphthalene	12.53	142	490336	28.344	ng/ul	99
40) 1,1'-Biphenyl	13.53	154	88989	4.284	ng/ul	99
49) Acenaphthene	14.76	153	658860	36.888	ng/ul	97
53) Dibenzofuran	15.10	168	133593	5.012	ng/ul	93
58) Fluorene	15.75	166	554801	25.840	ng/ul	99
69) Phenanthrene	17.51	178	4231402m	134.414	ng/ul	
71) Anthracene	17.60	178	1494176	46.797	ng/ul	95
74) Carbazole	17.85	167	117883	4.457	ng/ul#	89
76) Fluoranthene	19.52	202	3418810	93.993	ng/ul#	86
79) Pyrene	19.89	202	4514343	113.099	ng/ul#	68
82) Benzo(a)anthracene	21.74	228	3355303	81.552	ng/ul#	75
84) Chrysene	21.81	228	3480375	90.634	ng/ul#	73
87) Benzo(b)fluoranthene	24.02	252	2871512	74.429	ng/ul	95
88) Benzo(k)fluoranthene	24.07	252	1029778m	27.761	ng/ul	
90) Benzo(a)pyrene	24.91	252	2804929	76.295	ng/ul	93
91) Indeno(1,2,3-cd)pyrene	28.82	276	861523	20.091	ng/ul	94
92) Dibenzo(a,h)anthracene	28.85	278	320423m	9.161	ng/ul	
93) Benzo(g,h,i)perylene	29.99	276	885233	24.726	ng/ul	97

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

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