Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Data File : BG041939.D
Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

Manual Integrations APPROVED
mohammad
8/6/2019 12:18:32 PM

Quant Time: Aug 06 11:58:19 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	105370	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	421647	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	291576	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.48	188	551150	20.00	ng/ul	0.03
77) Chrysene-d12	21.82	240	528228m	20.00	ng/ul	0.09
85) Perylene-d12	25.16	264	534044m	20.00	ng/ul	0.16
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	6615	2.75	ng/uL	0.00
5) Phenol-d5	7.18	99	172406	20.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	94187	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	157776	22.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	147363	21.23	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	81854	25.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	93828	25.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	173718	23.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	241962	29.31	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	460134	20.35	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	599779	23.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	80763	21.27	ng/ul	0.01
57) Fluorene-d10	15.70	176	424240	21.09	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.88	200	26529m	7.50	ng/ul	0.08
70) Anthracene-d10	17.59	188	640806	24.23	ng/ul	0.04
78) Pyrene-d10	19.87	212	746752	25.33	ng/ul	0.04
89) Benzo(a)pyrene-d12	24.92	264	705320	25.28	ng/ul	0.15
Target Compounds						Qvalue
28) Naphthalene	10.92	128	2839266	131.716	ng/ul#	89
34) 2-Methylnaphthalene	12.53	142	2659891	155.248	ng/ul	96
40) 1,1'-Biphenyl	13.53	154	552247	26.048	ng/ul	97
49) Acenaphthene	14.78	153	3423563	187.794	ng/ul#	87
53) Dibenzofuran	15.10	168	771512	28.356	ng/ul#	87
58) Fluorene	15.76	166	2892844	132.003	ng/ul#	96
69) Phenanthrene	17.56	178	10649833	352.960	ng/ul#	1
71) Anthracene	17.63	178	4443769	145.210	ng/ul#	18
74) Carbazole	17.87	167	832229	32.830	ng/ul#	85
76) Fluoranthene	19.57	202	8311583	238.411	ng/ul#	1
79) Pyrene	19.96	202	11211321m	315.530	ng/ul	
82) Benzo(a)anthracene	21.80	228	9733153m	265.754	ng/ul	
83) Bis(2-ethylhexyl)phthalate	21.66	149	1071585m	56.156	ng/ul	
84) Chrysene	21.89	228	8048071m	235.438	ng/ul	
87) Benzo(b)fluoranthene	24.13	252	12459681m	371.775	ng/ul	
88) Benzo(k)fluoranthene	24.18	252	2574676m	79.901	ng/ul	
90) Benzo(a)pyrene	25.06	252	9923638m	310.734	ng/ul	
91) Indeno(1,2,3-cd)pyrene	28.99	276	4847026m	130.123	ng/ul	
92) Dibenzo(a,h)anthracene	29.02	278	1690377m	55.633	ng/ul	
93) Benzo(g,h,i)perylene	30.19	276	4412103	141.869	ng/ul	95

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

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