Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041941.D
Acq On : 4 Aug 2019 13:46
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ3

Manual Integrations APPROVED
mohammad
8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:28:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	98977	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	397529	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	260944	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.46	188	520178m	20.00	ng/ul	0.00
77) Chrysene-d12	21.75	240	531858	20.00	ng/ul	0.02
85) Perylene-d12	25.04	264	566779m	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	1234m	0.55	ng/uL	0.00
5) Phenol-d5	7.19	99	153977	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	93520	21.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	142972	21.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	131025	20.09	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	75979	25.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	91632	26.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	163004	23.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	187395	24.08	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	482685	23.85	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	623694	26.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	65632	19.31	ng/ul	0.00
57) Fluorene-d10	15.69	176	436314	24.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.82	200	33392m	10.01	ng/ul	0.01
70) Anthracene-d10	17.56	188	662117	26.53	ng/ul	0.00
78) Pyrene-d10	19.84	212	740856	24.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.81	264	769646	25.99	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.91	128	242828	11.948	ng/ul	97
34) 2-Methylnaphthalene	12.52	142	265716	16.450	ng/ul	98
40) 1,1'-Biphenyl	13.53	154	50296	2.651	ng/ul	98
44) Dimethylphthalate	14.14	163	26574	1.322	ng/ul	100
49) Acenaphthene	14.77	153	398187	24.406	ng/ul	99
53) Dibenzofuran	15.09	168	78576	3.227	ng/ul	89
58) Fluorene	15.75	166	336029	17.133	ng/ul	98
69) Phenanthrene	17.50	178	3343277m	117.401	ng/ul	
71) Anthracene	17.59	178	1024384	35.467	ng/ul	97
74) Carbazole	17.85	167	69654m	2.911	ng/ul	
76) Fluoranthene	19.52	202	2730779m	82.994	ng/ul	
79) Pyrene	19.88	202	3740541m	104.555	ng/ul	
82) Benzo(a)anthracene	21.73	228	2609074	70.752	ng/ul#	85
84) Chrysene	21.80	228	2676654	77.768	ng/ul#	84
87) Benzo(b)fluoranthene	24.01	252	2154642	60.578	ng/ul	96
88) Benzo(k)fluoranthene	24.05	252	856634m	25.049	ng/ul	
90) Benzo(a)pyrene	24.90	252	2027154m	59.809	ng/ul	
91) Indeno(1,2,3-cd)pyrene	28.80	276	613906m	15.529	ng/ul	
92) Dibenzo(a,h)anthracene	28.84	278	268030m	8.312	ng/ul	
93) Benzo(g,h,i)perylene	29.98	276	587262m	17.793	ng/ul	

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

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