Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041905.D
Acq On : 3 Aug 2019 12:05
Operator : HP/JU
Sample : K3850-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0

Manual Integrations APPROVED
mohammad
8/6/2019 12:18:04 PM

Quant Time: Aug 04 01:18:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	112679	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	464334	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	304713	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	603850	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	603843	20.00	ng/ul	0.02
85) Perylene-d12	25.02	264	703159	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	5804	2.25	ng/uL	0.00
5) Phenol-d5	7.19	99	126474	14.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	84344	17.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	126184	16.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	99773	13.44	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	64081	18.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	79760	19.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	140319	17.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	65517	7.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	426620	18.05	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	504120	18.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	41900	10.56	ng/ul	0.00
57) Fluorene-d10	15.69	176	376363	17.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	46338	11.96	ng/ul	0.01
70) Anthracene-d10	17.55	188	547436	18.90	ng/ul	0.01
78) Pyrene-d10	19.83	212	617862	18.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	689576	18.77	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.91	128	116629	4.913	ng/ul	99
34) 2-Methylnaphthalene	12.52	142	119665	6.342	ng/ul	99
40) 1,1'-Biphenyl	13.52	154	47111	2.126	ng/ul	95
44) Dimethylphthalate	14.14	163	129961	5.539	ng/ul	99
49) Acenaphthene	14.76	153	308763	16.206	ng/ul	98
53) Dibenzofuran	15.09	168	196213	6.901	ng/ul	95
58) Fluorene	15.75	166	275824	12.043	ng/ul	98
69) Phenanthrene	17.50	178	2577865m	77.980	ng/ul	
71) Anthracene	17.58	178	816257	24.345	ng/ul	99
74) Carbazole	17.84	167	155062	5.583	ng/ul	97
76) Fluoranthene	19.51	202	2936234	76.873	ng/ul#	91
79) Pyrene	19.87	202	3336598m	82.146	ng/ul	
82) Benzo(a)anthracene	21.72	228	2280417	54.468	ng/ul#	87
84) Chrysene	21.79	228	2318618	59.335	ng/ul#	87
87) Benzo(b)fluoranthene	23.99	252	2436527	55.216	ng/ul	96
88) Benzo(k)fluoranthene	24.04	252	839491m	19.786	ng/ul	
90) Benzo(a)pyrene	24.88	252	2001960	47.610	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.78	276	877529	17.892	ng/ul	98
92) Dibenzo(a,h)anthracene	28.81	278	272318	6.807	ng/ul	94
93) Benzo(g,h,i)perylene	29.94	276	801436	19.572	ng/ul	97

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

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