Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041938.D
Acq On : 4 Aug 2019 11:51
Operator : HP/JU
Sample : K3850-07DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ0DL

Manual Integrations APPROVED
mohammad
8/6/2019 12:18:29 PM

Quant Time: Aug 05 02:04:42 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	8.03	152	89950	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	386137	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	273544	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	565608	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	550632	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	646246	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	1571	0.76	ng/uL	0.00
5) Phenol-d5	7.18	99	6044	0.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	19427	4.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	15243	2.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	6368	1.07	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	15182	5.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	15141	4.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	20341	2.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	4891	0.65	ng/ul	0.01
43) Dimethylphthalate-d6	14.09	166	114575	5.40	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	135139	5.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.91	143	1047m	0.29	ng/ul	0.04
57) Fluorene-d10	15.68	176	106485	5.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.82	200	401m	0.11	ng/ul	0.02
70) Anthracene-d10	17.54	188	161547	5.95	ng/ul	0.00
78) Pyrene-d10	19.83	212	188997	6.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	199899	5.92	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.91	128	51092	2.588	ng/ul	99
34) 2-Methylnaphthalene	12.52	142	51639	3.291	ng/ul	100
44) Dimethylphthalate	14.14	163	49112	2.331	ng/ul	98
49) Acenaphthene	14.76	153	103487	6.051	ng/ul	97
58) Fluorene	15.74	166	89843	4.370	ng/ul	98
69) Phenanthrene	17.49	178	1401038	45.247	ng/ul	95
71) Anthracene	17.58	178	347850	11.076	ng/ul	98
76) Fluoranthene	19.50	202	1491560	41.691	ng/ul	99
79) Pyrene	19.87	202	2159331	58.299	ng/ul	95
82) Benzo(a)anthracene	21.71	228	1364810	35.749	ng/ul	95
84) Chrysene	21.78	228	1400356	39.299	ng/ul	95
87) Benzo(b)fluoranthene	23.97	252	1274164	31.418	ng/ul	99
88) Benzo(k)fluoranthene	24.03	252	310125m	7.953	ng/ul	
90) Benzo(a)pyrene	24.86	252	1108161	28.675	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.75	276	480057	10.650	ng/ul	97
92) Dibenzo(a,h)anthracene	28.80	278	171442	4.663	ng/ul	96
93) Benzo(g,h,i)perylene	29.91	276	495197	13.158	ng/ul	99

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

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