Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 06 11:54:02 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

Instrument : BNA_G
ClientSampleId : BENP1

Manual Integrations APPROVED
mohammad
8/6/2019 12:17:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	123441	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	505681	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	341296	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.46	188	636388	20.00	ng/ul	0.02
77) Chrysene-d12	21.81	240	638721m	20.00	ng/ul	0.09
85) Perylene-d12	25.14	264	704161m	20.00	ng/ul	0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	931	0.33	ng/uL	0.00
5) Phenol-d5	7.18	99	25876	2.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	15774	2.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	25777	3.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	17734	2.18	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	14089m	3.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	12494	2.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	22502	2.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	88733	8.96	ng/ul	-0.01
43) Dimethylphthalate-d6	14.09	166	84989	3.21	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	94744	3.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.91	143	22740m	5.12	ng/ul	0.04
57) Fluorene-d10	15.69	176	83096	3.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	10058m	2.46	ng/ul	0.08
70) Anthracene-d10	17.58	188	121736m	3.99	ng/ul	0.04
78) Pyrene-d10	19.86	212	166209m	4.66	ng/ul	0.03
89) Benzo(a)pyrene-d12	24.90	264	87186m	2.37	ng/ul	0.15
Target Compounds						Qvalue
28) Naphthalene	10.91	128	3217248	124.448	ng/ul#	85
34) 2-Methylnaphthalene	12.53	142	2988489	145.441	ng/ul	94
40) 1,1'-Biphenyl	13.52	154	644470	25.969	ng/ul	96
49) Acenaphthene	14.77	153	3803407	178.236	ng/ul#	84
53) Dibenzofuran	15.10	168	898265	28.205	ng/ul#	86
58) Fluorene	15.76	166	3212858	125.248	ng/ul#	95
69) Phenanthrene	17.55	178	10889719	312.570	ng/ul#	1
71) Anthracene	17.62	178	5062393	143.267	ng/ul#	4
74) Carbazole	17.86	167	912115	31.162	ng/ul#	85
76) Fluoranthene	19.57	202	8446054	209.819	ng/ul#	1
79) Pyrene	19.95	202	11525433m	268.258	ng/ul	
82) Benzo(a)anthracene	21.78	228	10406419m	234.984	ng/ul	
83) Bis(2-ethylhexyl)phthalate	21.65	149	1257071	54.480	ng/ul	93
84) Chrysene	21.87	228	8130782m	196.711	ng/ul	
87) Benzo(b)fluoranthene	24.10	252	12613270m	285.434	ng/ul	
88) Benzo(k)fluoranthene	24.18	252	3540609m	83.332	ng/ul	
90) Benzo(a)pyrene	25.05	252	12573647m	298.596	ng/ul	
91) Indeno(1,2,3-cd)pyrene	29.01	276	6947969m	141.462	ng/ul	
92) Dibenzo(a,h)anthracene	29.02	278	2772733m	69.209	ng/ul	
93) Benzo(g,h,i)perylene	30.20	276	7153840m	174.457	ng/ul	

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

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