Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041910.D
Acq On : 3 Aug 2019 15:16
Operator : HP/JU
Sample : K3850-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENS2

Manual Integrations APPROVED
mohammad
8/6/2019 12:18:01 PM

Quant Time: Aug 04 02:17:21 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	91072	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	383263	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	265465	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	537837	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	545550	20.00	ng/ul	0.01
85) Perylene-d12	25.01	264	623582	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	3550	1.71	ng/uL	0.00
5) Phenol-d5	7.19	99	102592	14.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	59033	14.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	95802	15.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	74023	12.34	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	45559	15.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	54424	16.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	104298	15.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	49015	6.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	324782	15.77	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	382606	16.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	23526	6.81	ng/ul	0.00
57) Fluorene-d10	15.69	176	288933	15.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	9222	2.67	ng/ul	0.01
70) Anthracene-d10	17.54	188	419597	16.26	ng/ul	0.00
78) Pyrene-d10	19.84	212	484909	15.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	536146	16.46	ng/ul	0.03
Target Compounds						Qvalue
14) Acetophenone	8.86	105	10059	1.090	ng/ul	98
30) 4-Chloroaniline	11.02	127	10902m	1.446	ng/ul	
44) Dimethylphthalate	14.14	163	120741	5.906	ng/ul	99
69) Phenanthrene	17.49	178	179885	6.109	ng/ul	100
71) Anthracene	17.58	178	30768	1.030	ng/ul	97
76) Fluoranthene	19.50	202	448223	13.175	ng/ul	97
79) Pyrene	19.86	202	371284	10.118	ng/ul	96
82) Benzo(a)anthracene	21.71	228	246904	6.527	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.63	149	34564	1.754	ng/ul#	97
84) Chrysene	21.78	228	261520	7.408	ng/ul	96
87) Benzo(b)fluoranthene	23.98	252	394505	10.081	ng/ul	97
88) Benzo(k)fluoranthene	24.04	252	134613m	3.578	ng/ul	
90) Benzo(a)pyrene	24.86	252	242740	6.509	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.75	276	158280	3.639	ng/ul	95
92) Dibenzo(a,h)anthracene	28.81	278	40581m	1.144	ng/ul	
93) Benzo(g,h,i)perylene	29.92	276	134493	3.704	ng/ul	98

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

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