Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042150.D
Acq On : 12 Aug 2019 17:43
Operator : HP/JU
Sample : K4028-02DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP68DL

Manual Integrations APPROVED
mohammad
8/14/2019 2:50:24 AM

Quant Time: Aug 13 11:57:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 13 04:44:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	87801	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	362533	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	253520	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.43	188	523210	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	513450	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	583796	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	575	0.29	ng/uL	0.00
5) Phenol-d5	7.18	99	15997	2.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	8629	2.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	15789	2.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	13115	2.27	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	7320	2.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	8126	2.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	18016m	2.82	ng/ul	0.02
29) 4-Chloroaniline-d4	11.00	131	11588m	1.63	ng/ul	0.02
43) Dimethylphthalate-d6	14.09	166	61027	3.10	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	73621	3.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.93	143	5122m	1.55	ng/ul	0.04
57) Fluorene-d10	15.68	176	55725	3.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	3445	1.03	ng/ul	0.00
70) Anthracene-d10	17.53	188	88772	3.54	ng/ul	0.00
78) Pyrene-d10	19.82	212	99709	3.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	103921	3.41	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.13	163	28903	1.480	ng/ul#	94
69) Phenanthrene	17.48	178	61741	2.156	ng/ul	99
76) Fluoranthene	19.49	202	145505	4.397	ng/ul	96
79) Pyrene	19.85	202	182993	5.298	ng/ul	98
82) Benzo(a)anthracene	21.70	228	108036	3.035	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	801709	43.223	ng/ul	96
84) Chrysene	21.77	228	116631	3.510	ng/ul	97
87) Benzo(b)fluoranthene	23.95	252	115428	3.151	ng/ul	99
90) Benzo(a)pyrene	24.83	252	96510	2.764	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.70	276	44527	1.093	ng/ul	93
93) Benzo(g,h,i)perylene	29.88	276	58272m	1.714	ng/ul	

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

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