Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042037.D
Acq On : 7 Aug 2019 18:52
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT9

Manual Integrations APPROVED
mohammad
8/9/2019 4:29:55 PM

Quant Time: Aug 08 02:39:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	77428	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	325715	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	231596	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	502237	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	486336	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	576641	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	6331	3.58	ng/uL	0.00
5) Phenol-d5	7.17	99	119623	19.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	78505	23.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	116174	22.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	73021	14.31	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	68141	27.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	83758	29.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	138221	24.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	129600	20.32	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	512873	28.55	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	564565	27.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	48649	16.13	ng/ul	0.00
57) Fluorene-d10	15.68	176	450527	28.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	67856	21.06	ng/ul	0.00
70) Anthracene-d10	17.54	188	689709	28.62	ng/ul	0.00
78) Pyrene-d10	19.82	212	766452	28.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	854662	28.37	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.20	94	13477	2.149	ng/ul	96
44) Dimethylphthalate	14.13	163	220322	12.354	ng/ul	99
69) Phenanthrene	17.48	178	91095	3.313	ng/ul	97
76) Fluoranthene	19.49	202	193233	6.083	ng/ul	97
79) Pyrene	19.85	202	219691	6.716	ng/ul	96
82) Benzo(a)anthracene	21.70	228	135744	4.026	ng/ul	97
84) Chrysene	21.77	228	136271	4.330	ng/ul	96
87) Benzo(b)fluoranthene	23.95	252	149627	4.135	ng/ul	98
88) Benzo(k)fluoranthene	24.01	252	52373	1.505	ng/ul	99
90) Benzo(a)pyrene	24.84	252	118026	3.423	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.71	276	67918	1.689	ng/ul	99
93) Benzo(g,h,i)perylene	29.87	276	56350m	1.678	ng/ul	

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

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