Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042029.D
Acq On : 7 Aug 2019 13:42
Operator : HP/JU
Sample : K4028-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENZ2

Manual Integrations APPROVED
mohammad
8/7/2019 4:40:53 PM

Quant Time: Aug 07 16:09:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	78657	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	334436	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	236250	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	488268m	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	477854	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	573536	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	4635	2.58	ng/uL	0.00
5) Phenol-d5	7.18	99	110076	17.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	57190	16.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	100403	19.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	87179	16.82	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	49969	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	60893	20.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	116325	19.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	99363	15.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	364305	19.88	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	428454	20.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	45226	14.70	ng/ul	0.00
57) Fluorene-d10	15.68	176	325420	19.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	45881m	14.65	ng/ul	0.00
70) Anthracene-d10	17.54	188	475846	20.31	ng/ul	0.00
78) Pyrene-d10	19.83	212	532213	19.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	607620	20.28	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.20	94	7914	1.242	ng/ul	97
44) Dimethylphthalate	14.13	163	134755	7.407	ng/ul	96
69) Phenanthrene	17.48	178	343314m	12.844	ng/ul	
71) Anthracene	17.57	178	63492	2.342	ng/ul	97
74) Carbazole	17.84	167	42149	1.877	ng/ul	99
76) Fluoranthene	19.49	202	846009m	27.392	ng/ul	
79) Pyrene	19.86	202	767886	23.890	ng/ul	98
82) Benzo(a)anthracene	21.70	228	446256	13.469	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	49363	2.860	ng/ul	98
84) Chrysene	21.77	228	486031	15.717	ng/ul	97
87) Benzo(b)fluoranthene	23.96	252	688654	19.133	ng/ul	100
88) Benzo(k)fluoranthene	24.02	252	229750m	6.639	ng/ul	
90) Benzo(a)pyrene	24.84	252	469817	13.698	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.72	276	348287	8.706	ng/ul	97
92) Dibenzo(a,h)anthracene	28.78	278	97017m	2.973	ng/ul	
93) Benzo(g,h,i)perylene	29.89	276	329642	9.870	ng/ul	98

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

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