Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042197.D
Acq On : 14 Aug 2019 6:07
Operator : HP/JU
Sample : K4304-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N4

Manual Integrations APPROVED
mohammad
8/15/2019 5:11:29 PM

Quant Time: Aug 14 08:49:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 08:30:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	89662	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	365789	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	249668	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	509089	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	497446	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	607801	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	7409	3.62	ng/uL	0.00
5) Phenol-d5	7.18	99	171508	24.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	86898	22.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	153540	25.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	138248	23.40	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	78901	28.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	98458	30.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	178054	27.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	210039	29.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	539370	27.85	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	636649	28.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	73044	22.47	ng/ul	0.00
57) Fluorene-d10	15.68	176	474368	27.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	72964	22.34	ng/ul	0.00
70) Anthracene-d10	17.54	188	698149	28.58	ng/ul	0.00
78) Pyrene-d10	19.83	212	803256	28.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	933649	29.40	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.90	128	36551	1.955	ng/ul	96
34) 2-Methylnaphthalene	12.51	142	16373	1.102	ng/ul	94
44) Dimethylphthalate	14.13	163	40186	2.090	ng/ul	99
49) Acenaphthene	14.75	153	25796	1.653	ng/ul	98
53) Dibenzofuran	15.09	168	29419	1.263	ng/ul	100
58) Fluorene	15.73	166	35022	1.866	ng/ul#	97
69) Phenanthrene	17.48	178	646143	23.184	ng/ul	98
71) Anthracene	17.57	178	163176	5.773	ng/ul	98
74) Carbazole	17.84	167	44123	1.884	ng/ul	99
76) Fluoranthene	19.49	202	1126195	34.973	ng/ul	100
79) Pyrene	19.86	202	925727	27.666	ng/ul	99
82) Benzo(a)anthracene	21.70	228	573571	16.630	ng/ul	99
84) Chrysene	21.77	228	512472	15.920	ng/ul	99
87) Benzo(b)fluoranthene	23.95	252	688765	18.058	ng/ul	100
88) Benzo(k)fluoranthene	24.02	252	235561m	6.423	ng/ul	
90) Benzo(a)pyrene	24.84	252	445321	12.252	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.72	276	256208	6.043	ng/ul	98
92) Dibenzo(a,h)anthracene	28.76	278	78242m	2.263	ng/ul	
93) Benzo(g,h,i)perylene	29.89	276	208330	5.886	ng/ul#	94

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

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