Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046985.D
Acq On : 19 Oct 2020 13:40
Operator : CG/JU
Sample : L4308-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP6

Manual Integrations APPROVED
mohammad
10/20/2020 2:57:43 PM

Quant Time: Oct 19 14:19:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 11:15:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	47719	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	201586	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	149341	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	331231	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	314827	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	324546	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	3853	3.58	ng/uL	0.00
5) Phenol-d5	7.22	99	68455	16.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	46093	18.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	58505	18.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	50741	15.09	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	32319	18.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	37244	19.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	68050	17.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	53434	12.12	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	243951	19.66	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	273972	19.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	17716	8.28	ng/ul	0.00
58) Fluorene-d10	15.69	176	222738	19.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	29304	12.85	ng/ul	0.00
71) Anthracene-d10	17.54	188	323722	20.18	ng/ul	0.00
79) Pyrene-d10	19.82	212	370271	21.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	351033	19.20	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.25	94	4470	1.014	ng/ul	95
45) Dimethylphthalate	14.14	163	118932	9.247	ng/ul	98
70) Phenanthrene	17.48	178	215430	11.366	ng/ul	99
72) Anthracene	17.57	178	43765	2.286	ng/ul	97
75) Carbazole	17.84	167	17377	1.130	ng/ul#	93
77) Fluoranthene	19.49	202	532618	23.013	ng/ul	98
80) Pyrene	19.85	202	398815	18.718	ng/ul	99
81) Butylbenzylphthalate	20.73	149	7991	1.031	ng/ul#	83
83) Benzo(a)anthracene	21.69	228	228188	10.502	ng/ul	98
85) Chrysene	21.76	228	255661	12.195	ng/ul	98
88) Benzo(b)fluoranthene	23.92	252	318914	14.166	ng/ul	97
89) Benzo(k)fluoranthene	23.98	252	121632m	5.603	ng/ul	
91) Benzo(a)pyrene	24.79	252	188676	9.322	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.64	276	144309	5.820	ng/ul	97
93) Dibenzo(a,h)anthracene	28.68	278	39249m	1.909	ng/ul	
94) Benzo(g,h,i)perylene	29.79	276	115975m	5.572	ng/ul	

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

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