Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 02 17:52:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	29380	20.00	ng/ul	-0.01
18) Naphthalene-d8	11.09	136	116959	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.87	164	96382	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.61	188	235290m	20.00	ng/ul	-0.01
78) Chrysene-d12	21.89	240	220763m	20.00	ng/ul	-0.01
86) Perylene-d12	25.29	264	233148	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.39	99	6695	2.27	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.57	67	3958	2.36	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.79	132	5158	2.61	ng/ul	-0.02
13) 4-Methylphenol-d8	8.95	113	4107	1.81	ng/ul	-0.02
19) Nitrobenzene-d5	9.43	128	2882m	2.98	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.17	143	3219m	3.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	6586	2.73	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.21	131	4325	1.77	ng/ul	-0.02
44) Dimethylphthalate-d6	14.27	166	22917	2.77	ng/ul	-0.02
47) Acenaphthylene-d8	14.57	160	27005	2.82	ng/ul	-0.01
52) 4-Nitrophenol-d4	15.04	143	2155	1.71	ng/ul	-0.01
58) Fluorene-d10	15.86	176	22132	2.92	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.71	188	37561	3.22	ng/ul	-0.01
79) Pyrene-d10	19.97	212	41088m	3.20	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.06	264	43548	3.25	ng/ul	-0.02
Target Compounds						Qvalue
28) Naphthalene	11.14	128	16390	2.474	ng/ul#	93
34) 2-Methylnaphthalene	12.73	142	7167	1.460	ng/ul#	64
50) Acenaphthene	14.94	153	15912	2.552	ng/ul	87
54) Dibenzofuran	15.27	168	11185	1.222	ng/ul#	74
59) Fluorene	15.92	166	18924	2.453	ng/ul#	89
70) Phenanthrene	17.65	178	305711m	24.060	ng/ul	
72) Anthracene	17.74	178	54354	4.248	ng/ul	96
75) Carbazole	18.00	167	34055	3.299	ng/ul	97
77) Fluoranthene	19.64	202	557688	34.754	ng/ul	99
80) Pyrene	20.01	202	480993m	30.758	ng/ul	
83) Benzo(a)anthracene	21.88	228	290318m	18.483	ng/ul	
85) Chrysene	21.94	228	251674	16.837	ng/ul	99
88) Benzo(b)fluoranthene	24.21	252	368686	22.397	ng/ul	97
89) Benzo(k)fluoranthene	24.28	252	136410m	8.409	ng/ul	
91) Benzo(a)pyrene	25.13	252	256190m	17.458	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.20	276	167740	9.397	ng/ul	99
93) Dibenzo(a,h)anthracene	29.24	278	50815m	3.472	ng/ul	
94) Benzo(g,h,i)perylene	30.41	276	144732	9.826	ng/ul#	95

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

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