Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062920\
Data File : BN011067.D
Acq On : 29 Jun 2020 15:08
Operator : CG/JU
Sample : PB129845BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129845BS

Quant Time: Jun 29 15:47:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 11:59:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2669	0.40	ng		-0.02
7) Naphthalene-d8	10.25	136	9055	0.40	ng		-0.01
13) Acenaphthene-d10	14.13	164	4802	0.40	ng		-0.01
19) Phenanthrene-d10	16.89	188	9686	0.40	ng		-0.01
29) Chrysene-d12	21.11	240	8830	0.40	ng		0.00
36) Perylene-d12	23.25	264	9053	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.17	112	2455	0.33	ng		-0.02
5) Phenol-d6	6.71	99	2772	0.31	ng		-0.02
8) Nitrobenzene-d5	8.64	82	2814	0.34	ng		-0.01
11) 2-Methylnaphthalene-d10	11.85	152	6330	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	662	0.31	ng		-0.01
15) 2-Fluorobiphenyl	12.75	172	7903	0.35	ng		-0.01
27) Fluoranthene-d10	18.93	212	10761	0.35	ng		0.00
31) Terphenyl-d14	19.55	244	9300	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	1196	0.333	ng		98
3) n-Nitrosodimethylamine	3.55	42	753	0.376	ng	#	87
6) bis(2-Chloroethyl)ether	6.95	93	2912	0.378	ng		100
9) Naphthalene	10.30	128	9420	0.343	ng		99
10) Hexachlorobutadiene	10.60	225	2244	0.339	ng	#	99
12) 2-Methylnaphthalene	11.93	142	6780	0.368	ng		100
16) Acenaphthylene	13.85	152	8206	0.339	ng		99
17) Acenaphthene	14.20	154	5451	0.335	ng		99
18) Fluorene	15.20	166	6898	0.333	ng		99
20) 4,6-Dinitro-2-methylphenol	15.30	198	282	0.174	ng	#	71
21) 4-Bromophenyl-phenylether	16.10	248	2289	0.342	ng	#	82
22) Hexachlorobenzene	16.20	284	2423	0.327	ng		97
24) Pentachlorophenol	16.56	266	706	0.301	ng		97
25) Phenanthrene	16.93	178	10741	0.329	ng		100
26) Anthracene	17.02	178	9081	0.335	ng		99
28) Fluoranthene	18.97	202	12021	0.322	ng		100
30) Pyrene	19.33	202	12032	0.354	ng		100
32) Benzo(a)anthracene	21.09	228	10763	0.352	ng		100
33) Chrysene	21.14	228	11796	0.354	ng		99
34) Bis(2-ethylhexyl)phthalate	21.05	149	4863	0.395	ng		100
35) Indeno(1,2,3-cd)pyrene	25.35	276	11854	0.320	ng		99
37) Benzo(b)fluoranthene	22.62	252	11695	0.327	ng		99
38) Benzo(k)fluoranthene	22.66	252	12716	0.342	ng		98
39) Benzo(a)pyrene	23.16	252	10291	0.324	ng		98
40) Dibenzo(a,h)anthracene	25.36	278	9083	0.265	ng		97
41) Benzo(g,h,i)perylene	25.98	276	10416	0.293	ng		100

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

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