Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082620\
Data File : BN011647.D
Acq On : 26 Aug 2020 16:20
Operator : CG/JU
Sample : L3768-05MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CS-3MS

Quant Time: Aug 26 18:21:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 03:31:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2388	0.40	ng		-0.02
7) Naphthalene-d8	10.53	136	9351	0.40	ng		-0.01
13) Acenaphthene-d10	14.38	164	5607	0.40	ng		-0.01
19) Phenanthrene-d10	17.13	188	12032	0.40	ng		-0.01
29) Chrysene-d12	21.32	240	13511	0.40	ng		-0.01
36) Perylene-d12	23.58	264	16507	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	3348	0.44	ng		0.00
5) Phenol-d6	6.91	99	4296	0.40	ng		0.00
8) Nitrobenzene-d5	8.88	82	4891	0.60	ng		-0.03
11) 2-Methylnaphthalene-d10	12.13	152	5738	0.32	ng		-0.01
14) 2,4,6-Tribromophenol	15.88	330	1146	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	12440	0.57	ng		-0.01
27) Fluoranthene-d10	19.17	212	12218	0.31	ng		0.00
31) Terphenyl-d14	19.77	244	19939	0.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1567	0.423	ng	#	1
3) n-Nitrosodimethylamine	3.58	42	1433	0.367	ng	#	94
6) bis(2-Chloroethyl)ether	7.18	93	2476	0.323	ng		97
9) Naphthalene	10.58	128	8336	0.314	ng		95
10) Hexachlorobutadiene	10.87	225	1702	0.306	ng	#	98
12) 2-Methylnaphthalene	12.20	142	5926	0.302	ng		98
16) Acenaphthylene	14.10	152	8085	0.274	ng		99
17) Acenaphthene	14.45	154	5316	0.284	ng		95
18) Fluorene	15.44	166	6952	0.287	ng		98
20) 4,6-Dinitro-2-methylphenol	15.51	198	458	0.330	ng	#	40
21) 4-Bromophenyl-phenylether	16.32	248	2078	0.296	ng		95
22) Hexachlorobenzene	16.43	284	2423	0.299	ng		97
23) Atrazine	16.59	200	1650	0.238	ng		99
24) Pentachlorophenol	16.77	266	1390	0.388	ng		99
25) Phenanthrene	17.18	178	11606	0.310	ng		100
26) Anthracene	17.26	178	10632	0.289	ng		100
28) Fluoranthene	19.20	202	14113	0.312	ng		99
30) Pyrene	19.56	202	14746	0.308	ng		99
32) Benzo(a)anthracene	21.31	228	15967	0.328	ng		99
33) Chrysene	21.35	228	15822	0.341	ng		99
34) Bis(2-ethylhexyl)phthalate	21.26	149	9470	0.259	ng		96
35) Indeno(1,2,3-cd)pyrene	25.85	276	23356	0.412	ng	#	100
37) Benzo(b)fluoranthene	22.90	252	18364	0.307	ng		98
38) Benzo(k)fluoranthene	22.95	252	18663	0.314	ng		97
39) Benzo(a)pyrene	23.48	252	16476	0.296	ng		99
40) Dibenzo(a,h)anthracene	25.87	278	19699	0.338	ng	#	96
41) Benzo(g,h,i)perylene	26.55	276	20484	0.362	ng		97

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

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