Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082620\
Data File : BN011650.D
Acq On : 26 Aug 2020 18:09
Operator : CG/JU
Sample : L3781-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CS-2BMSD

Quant Time: Aug 26 19:04:33 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	2661	0.40	ng		-0.02
7) Naphthalene-d8	10.53	136	10801	0.40	ng		-0.01
13) Acenaphthene-d10	14.38	164	5963	0.40	ng		-0.01
19) Phenanthrene-d10	17.13	188	12473	0.40	ng		-0.01
29) Chrysene-d12	21.32	240	12538	0.40	ng		-0.01
36) Perylene-d12	23.58	264	15749	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	2693	0.32	ng		0.00
5) Phenol-d6	6.91	99	3551	0.30	ng		0.00
8) Nitrobenzene-d5	8.88	82	3416	0.37	ng		-0.03
11) 2-Methylnaphthalene-d10	12.13	152	6602	0.32	ng		-0.01
14) 2,4,6-Tribromophenol	15.88	330	886	0.27	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	8351	0.36	ng		-0.01
27) Fluoranthene-d10	19.16	212	12623	0.31	ng		0.00
31) Terphenyl-d14	19.77	244	10976	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1737	0.421	ng	#	1
3) n-Nitrosodimethylamine	3.59	42	1528	0.352	ng	#	97
6) bis(2-Chloroethyl)ether	7.18	93	2998	0.351	ng		97
9) Naphthalene	10.58	128	10357	0.337	ng		94
10) Hexachlorobutadiene	10.87	225	1994	0.310	ng	#	98
12) 2-Methylnaphthalene	12.20	142	7284	0.321	ng		97
16) Acenaphthylene	14.10	152	9985	0.318	ng		99
17) Acenaphthene	14.45	154	6402	0.321	ng		94
18) Fluorene	15.44	166	8198	0.318	ng		98
20) 4,6-Dinitro-2-methylphenol	15.51	198	285	0.198	ng	#	65
21) 4-Bromophenyl-phenylether	16.32	248	2327	0.320	ng		91
22) Hexachlorobenzene	16.44	284	2862	0.340	ng		100
23) Atrazine	16.59	200	1899	0.264	ng		97
24) Pentachlorophenol	16.77	266	905	0.244	ng		97
25) Phenanthrene	17.18	178	13125	0.339	ng		99
26) Anthracene	17.26	178	12162	0.319	ng		99
28) Fluoranthene	19.19	202	15372	0.327	ng		99
30) Pyrene	19.55	202	16052	0.361	ng		99
32) Benzo(a)anthracene	21.30	228	16901	0.374	ng		97
33) Chrysene	21.35	228	16304	0.378	ng		99
34) Bis(2-ethylhexyl)phthalate	21.25	149	9671	0.295	ng		95
35) Indeno(1,2,3-cd)pyrene	25.85	276	24640	0.468	ng	#	100
37) Benzo(b)fluoranthene	22.90	252	18632	0.327	ng	#	97
38) Benzo(k)fluoranthene	22.95	252	18890	0.333	ng		99
39) Benzo(a)pyrene	23.48	252	17389	0.327	ng	#	96
40) Dibenzo(a,h)anthracene	25.87	278	20793	0.374	ng		97
41) Benzo(g,h,i)perylene	26.54	276	21344	0.396	ng		97

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

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