Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
Data File : BN013201.D
Acq On : 18 Dec 2020 02:41
Operator : CG/JU
Sample : L4996-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE135D3-20201208

Quant Time: Dec 18 04:25:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 12:34:52 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	5	0.40	ng	# 0.00
7) Naphthalene-d8	10.087	136	2	0.40	ng	#-0.03
13) Acenaphthene-d10	13.953	164	5	0.40	ng	#-0.05
19) Phenanthrene-d10	16.739	188	1	0.40	ng	#-0.04
29) Chrysene-d12	20.974	240	1	0.40	ng	#-0.03
36) Perylene-d12	23.061	264	4	0.40	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	240	11.72	ng	0.00
5) Phenol-d6	6.549	99	114	5.48	ng	0.00
8) Nitrobenzene-d5	8.579	82	339	164.22	ng	0.06
11) 2-Methylnaphthalene-d10	11.742	152	746	211.53	ng	0.01
14) 2,4,6-Tribromophenol	15.551	330	142	45.05	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1047	49.93	ng	0.00
27) Fluoranthene-d10	18.826	212	2881	875.42	ng	0.00
31) Terphenyl-d14	19.437	244	2551	1004.81	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.941	88	169	19.38	ng	# 95
3) n-Nitrosodimethylamine	3.223	42	104	7.18	ng	# 12
6) bis(2-Chloroethyl)ether	6.758	93	9	0.70	ng	# 39
9) Naphthalene	10.087	128	6	0.98	ng	# 1
10) Hexachlorobutadiene	10.416	225	2	1.53	ng	# 82
12) 2-Methylnaphthalene	11.777	142	2	0.48	ng	# 54
16) Acenaphthylene	13.674	152	5	0.19	ng	# 1
17) Acenaphthene	14.004	154	4	0.24	ng	# 1
18) Fluorene	15.031	166	3	0.14	ng	# 63
20) 4,6-Dinitro-2-methylph...	15.260	198	5	18.19	ng	# 1
23) Atrazine	16.033	200	168	281.46	ng	# 3
24) Pentachlorophenol	16.386	266	4	13.85	ng	# 66
25) Phenanthrene	16.848	178	84	25.82	ng	95
26) Anthracene	16.848	178	64	22.18	ng	# 95
28) Fluoranthene	18.856	202	101	25.47	ng	# 93
30) Pyrene	19.228	202	97	24.92	ng	# 86
32) Benzo(a)anthracene	21.059	228	94	26.75	ng	# 1
33) Chrysene	21.059	228	94	25.19	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.921	149	639	348.99	ng	# 96
35) Indeno(1,2,3-cd)pyrene	25.012	276	72	13.98	ng	# 38
37) Benzo(b)fluoranthene	22.459	252	5	0.35	ng	# 1
38) Benzo(k)fluoranthene	22.507	252	35	2.17	ng	# 1
39) Benzo(a)pyrene	22.976	252	9	0.64	ng	# 1
40) Dibenzo(a,h)anthracene	25.009	278	32	2.10	ng	# 1
41) Benzo(g,h,i)perylene	25.704	276	2	0.12	ng	# 1

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

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