Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025421.D
Acq On : 12 May 2023 03:53
Operator : CG/JU
Sample : 02719-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
FB-01_20230509

Quant Time: May 12 04:25:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 00:57:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.889	152	16	0.400	ng	#-0.01
7) Naphthalene-d8	10.664	136	5	0.400	ng	#-0.04
13) Acenaphthene-d10	14.448	164	28	0.400	ng	#-0.10
19) Phenanthrene-d10	17.199	188	4	0.400	ng	#-0.10
29) Chrysene-d12	21.378	240	31	0.400	ng	#-0.12
35) Perylene-d12	23.780	264	295	0.400	ng	#-0.15
System Monitoring Compounds						
4) 2-Fluorophenol	5.455	112	2230	60.139	ng	0.00
5) Phenol-d6	7.109	99	1143	22.687	ng	0.03
8) Nitrobenzene-d5	9.095	82	5013	1240.470	ng	0.01
11) 2-Methylnaphthalene-d10	12.309	152	10297	1561.490	ng	0.00
14) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
15) 2-Fluorobiphenyl	0.000	172	0	0.000	ng	
27) Fluoranthene-d10	19.325	212	25538	2789.502	ng	0.00
31) Terphenyl-d14	19.915	244	24237	324.530	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	187	12.655	ng	# 55
3) n-Nitrosodimethylamine	3.621	42	800	33.745	ng	# 1
6) bis(2-Chloroethyl)ether	7.261	93	159	4.131	ng	# 37
9) Naphthalene	10.664	128	13	1.032	ng	# 1
10) Hexachlorobutadiene	11.027	225	8	3.271	ng	# 18
12) 2-Methylnaphthalene	12.313	142	7	0.804	ng	# 16
16) Acenaphthylene	14.159	152	8	0.061	ng	# 1
17) Acenaphthene	14.619	154	140	1.819	ng	99
18) Fluorene	15.485	166	17	0.167	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.645	198	3	5.447	ng	# 1
22) Hexachlorobenzene	16.492	284	15	6.025	ng	# 1
23) Atrazine	16.765	200	153	83.596	ng	# 40
24) Pentachlorophenol	16.827	266	13	9.584	ng	# 19
25) Phenanthrene	17.348	178	1227	113.327	ng	98
26) Anthracene	17.348	178	1218	115.968	ng	97
28) Fluoranthene	19.355	202	1335	106.422	ng	# 81
30) Pyrene	19.721	202	1155	8.839	ng	97
32) Benzo(a)anthracene	21.405	228	22	0.208	ng	# 1
33) Chrysene	21.405	228	22	0.214	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.289	149	608	5.971	ng	# 66
37) Benzo(b)fluoranthene	23.028	252	51	0.053	ng	# 1

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

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