Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052423\
Data File : BN025587.D
Acq On : 24 May 2023 16:49
Operator : CG/JU
Sample : SP6202
Misc : 8270 SIM SPIKE
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP6202

Quant Time: May 25 06:10:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	4172	0.400	ng	0.00
7) Naphthalene-d8	10.878	136	11999	0.400	ng	#-0.01
13) Acenaphthene-d10	14.694	164	6541	0.400	ng	0.00
19) Phenanthrene-d10	17.435	188	14243	0.400	ng	0.00
29) Chrysene-d12	21.616	240	8736	0.400	ng	0.00
35) Perylene-d12	24.132	264	7686	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	1653	0.342	ng	# 88
3) n-Nitrosodimethylamine	3.780	42	2003	0.350	ng	# 94
6) bis(2-Chloroethyl)ether	7.478	93	6265	0.505	ng	# 84
9) Naphthalene	10.931	128	12354	0.371	ng	100
10) Hexachlorobutadiene	11.220	225	2157	0.372	ng	# 100
12) 2-Methylnaphthalene	12.536	142	7971	0.339	ng	100
16) Acenaphthylene	14.416	152	11697	0.364	ng	99
17) Acenaphthene	14.758	154	7939	0.359	ng	97
18) Fluorene	15.735	166	9970	0.360	ng	96
20) 4,6-Dinitro-2-methylph...	15.797	198	1146	0.304	ng	# 66
21) 4-Bromophenyl-phenylether	16.616	248	2983	0.354	ng	# 72
22) Hexachlorobenzene	16.740	284	2767	0.368	ng	95
23) Atrazine	16.901	200	2531	0.341	ng	98
24) Pentachlorophenol	17.075	266	2643	0.622	ng	99
25) Phenanthrene	17.472	178	16462	0.359	ng	100
26) Anthracene	17.559	178	14788	0.355	ng	99
28) Fluoranthene	19.486	202	15902	0.314	ng	100
30) Pyrene	19.848	202	16374	0.415	ng	100
32) Benzo(a)anthracene	21.598	228	12675	0.367	ng	99
33) Chrysene	21.652	228	12931	0.361	ng	100
34) Bis(2-ethylhexyl)phtha...	21.509	149	7579	0.353	ng	100
36) Indeno(1,2,3-cd)pyrene	26.769	276	11658	0.332	ng	99
37) Benzo(b)fluoranthene	23.357	252	12103	0.391	ng	97
38) Benzo(k)fluoranthene	23.410	252	11881	0.377	ng	98
39) Benzo(a)pyrene	24.018	252	9723	0.342	ng	# 94
40) Dibenzo(a,h)anthracene	26.793	278	9319	0.327	ng	97
41) Benzo(g,h,i)perylene	27.573	276	9595	0.320	ng	98

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

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