Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051324\
Data File : BN031503.D
Acq On : 13 May 2024 15:52
Operator : MA/JU
Sample : PB160875BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160875BS

Quant Time: May 13 16:28:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	9732	0.400	ng	-0.01
7) Naphthalene-d8	10.485	136	30404	0.400	ng	#-0.01
13) Acenaphthene-d10	14.338	164	15774	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	34601	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	27858	0.400	ng	0.00
35) Perylene-d12	23.499	264	27955	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	7740	0.280	ng	0.00
5) Phenol-d6	6.866	99	10589	0.284	ng	0.00
8) Nitrobenzene-d5	8.851	82	7717	0.354	ng	-0.01
11) 2-Methylnaphthalene-d10	12.077	152	16998	0.347	ng	-0.02
14) 2,4,6-Tribromophenol	15.824	330	1493	0.249	ng	-0.01
15) 2-Fluorobiphenyl	12.959	172	23891	0.393	ng	-0.02
27) Fluoranthene-d10	19.109	212	32023	0.334	ng	0.00
31) Terphenyl-d14	19.718	244	21247	0.312	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	4365	0.365	ng	# 85
3) n-Nitrosodimethylamine	3.544	42	4959	0.419	ng	# 80
6) bis(2-Chloroethyl)ether	7.133	93	11682	0.360	ng	94
9) Naphthalene	10.538	128	30364	0.359	ng	96
10) Hexachlorobutadiene	10.827	225	5264	0.355	ng	# 100
12) 2-Methylnaphthalene	12.153	142	19241	0.334	ng	99
16) Acenaphthylene	14.050	152	25065	0.316	ng	100
17) Acenaphthene	14.402	154	17859	0.361	ng	96
18) Fluorene	15.386	166	22229	0.343	ng	99
20) 4,6-Dinitro-2-methylph...	15.461	198	1161	0.410	ng	# 42
21) 4-Bromophenyl-phenylether	16.284	248	6824	0.337	ng	93
22) Hexachlorobenzene	16.383	284	7919	0.387	ng	95
23) Atrazine	16.544	200	4083	0.222	ng	# 90
24) Pentachlorophenol	16.731	266	1978	0.274	ng	98
25) Phenanthrene	17.115	178	35874	0.370	ng	100
26) Anthracene	17.215	178	29396	0.307	ng	99
28) Fluoranthene	19.137	202	39547	0.336	ng	99
30) Pyrene	19.504	202	39461	0.350	ng	100
32) Benzo(a)anthracene	21.247	228	32148	0.299	ng	100
33) Chrysene	21.300	228	36938	0.361	ng	99
34) Bis(2-ethylhexyl)phtha...	21.193	149	10897	0.173	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.767	276	35718	0.321	ng	98
37) Benzo(b)fluoranthene	22.829	252	32839	0.327	ng	# 97
38) Benzo(k)fluoranthene	22.873	252	39140m	0.412	ng	
39) Benzo(a)pyrene	23.402	252	26492	0.304	ng	# 95
40) Dibenzo(a,h)anthracene	25.782	278	28472	0.322	ng	96
41) Benzo(g,h,i)perylene	26.454	276	29556	0.311	ng	98

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

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