Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030940.D
Acq On : 15 Apr 2024 15:46
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Apr 15 17:14:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.653	152	3918	0.400	ng		0.00
7) Naphthalene-d8	10.432	136	11889	0.400	ng		0.00
13) Acenaphthene-d10	14.295	164	7096	0.400	ng		0.00
19) Phenanthrene-d10	17.040	188	15766	0.400	ng		0.00
29) Chrysene-d12	21.240	240	15628	0.400	ng		0.00
35) Perylene-d12	23.460	264	14261	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.241	112	28785	3.298	ng		0.00
5) Phenol-d6	6.823	99	36989	3.499	ng		0.00
8) Nitrobenzene-d5	8.798	82	28396	3.451	ng		0.00
11) 2-Methylnaphthalene-d10	12.024	152	61091	3.338	ng		0.00
14) 2,4,6-Tribromophenol	15.787	330	9952	3.614	ng		0.00
15) 2-Fluorobiphenyl	12.905	172	73543	3.083	ng		0.00
27) Fluoranthene-d10	19.079	212	147336	3.469	ng		0.00
31) Terphenyl-d14	19.683	244	117015	3.225	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	14185	2.945	ng		99
3) n-Nitrosodimethylamine	3.493	42	15223	3.375	ng		98
6) bis(2-Chloroethyl)ether	7.083	93	35240	3.371	ng		97
9) Naphthalene	10.474	128	106776	3.258	ng		98
10) Hexachlorobutadiene	10.763	225	21030	3.195	ng	#	99
12) 2-Methylnaphthalene	12.100	142	72814	3.341	ng		99
16) Acenaphthylene	14.006	152	110552	3.534	ng		100
17) Acenaphthene	14.348	154	73222	3.317	ng		99
18) Fluorene	15.343	166	97971	3.353	ng		100
20) 4,6-Dinitro-2-methylph...	15.428	198	8694	3.216	ng	#	50
21) 4-Bromophenyl-phenylether	16.234	248	31736	3.389	ng		95
22) Hexachlorobenzene	16.345	284	35957	3.287	ng		100
23) Atrazine	16.507	200	25019	3.692	ng		95
24) Pentachlorophenol	16.693	266	15096	3.228	ng		99
25) Phenanthrene	17.078	178	156113	3.355	ng		100
26) Anthracene	17.177	178	138346	3.592	ng		100
28) Fluoranthene	19.107	202	195057	3.495	ng		100
30) Pyrene	19.474	202	197843	3.261	ng		100
32) Benzo(a)anthracene	21.222	228	187133	3.438	ng		99
33) Chrysene	21.276	228	191755	3.240	ng		99
34) Bis(2-ethylhexyl)phtha...	21.160	149	85689	3.435	ng		98
36) Indeno(1,2,3-cd)pyrene	25.694	276	230479	3.475	ng		100
37) Benzo(b)fluoranthene	22.793	252	198246	3.369	ng	#	92
38) Benzo(k)fluoranthene	22.837	252	195327	3.390	ng	#	92
39) Benzo(a)pyrene	23.364	252	168304	3.436	ng	#	87
40) Dibenzo(a,h)anthracene	25.708	278	185224	3.488	ng		96
41) Benzo(g,h,i)perylene	26.378	276	198868	3.401	ng		98

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

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