Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100223\
Data File : BN027990.D
Acq On : 02 Oct 2023 16:50
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Oct 02 17:49:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 16:50:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.950	152	4207	0.400	ng		0.00
7) Naphthalene-d8	10.767	136	14152	0.400	ng		0.00
13) Acenaphthene-d10	14.598	164	8428	0.400	ng		0.00
19) Phenanthrene-d10	17.343	188	18298	0.400	ng		0.00
29) Chrysene-d12	21.533	240	16596	0.400	ng		0.00
35) Perylene-d12	24.010	264	14375	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.480	112	10819	1.004	ng		0.00
5) Phenol-d6	7.105	99	13691	1.014	ng		0.00
8) Nitrobenzene-d5	9.144	82	9781	0.871	ng		0.00
11) 2-Methylnaphthalene-d10	12.351	152	17410	0.852	ng		0.00
14) 2,4,6-Tribromophenol	16.090	330	3207	0.883	ng		0.00
15) 2-Fluorobiphenyl	13.219	172	25044	0.874	ng		0.00
27) Fluoranthene-d10	19.379	212	39043	0.822	ng		0.00
31) Terphenyl-d14	19.964	244	31512	0.965	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	4106	0.806	ng		98
3) n-Nitrosodimethylamine	3.711	42	4651	0.799	ng	#	99
6) bis(2-Chloroethyl)ether	7.387	93	10928	0.851	ng		100
9) Naphthalene	10.821	128	30132	0.783	ng		99
10) Hexachlorobutadiene	11.045	225	5352	0.799	ng	#	100
12) 2-Methylnaphthalene	12.426	142	21194	0.791	ng		100
16) Acenaphthylene	14.320	152	30671	0.849	ng		100
17) Acenaphthene	14.651	154	19743	0.788	ng		99
18) Fluorene	15.643	166	26021	0.726	ng		99
20) 4,6-Dinitro-2-methylph...	16.797	198	180	0.664	ng	#	73
21) 4-Bromophenyl-phenylether	16.524	248	7798	0.832	ng		95
22) Hexachlorobenzene	16.611	284	8285	0.786	ng		100
23) Atrazine	16.797	200	6828	0.955	ng		98
24) Pentachlorophenol	16.983	266	3793	0.861	ng		94
25) Phenanthrene	17.393	178	40772	0.773	ng		99
26) Anthracene	17.480	178	38516	0.837	ng		100
28) Fluoranthene	19.407	202	48316	0.746	ng		99
30) Pyrene	19.774	202	49583	0.837	ng		99
32) Benzo(a)anthracene	21.515	228	46596	0.811	ng		100
33) Chrysene	21.569	228	46019	0.745	ng		99
34) Bis(2-ethylhexyl)phtha...	21.390	149	31461	1.145	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.612	276	38600	0.654	ng		99
37) Benzo(b)fluoranthene	23.241	252	39004	0.702	ng		94
38) Benzo(k)fluoranthene	23.291	252	39462	0.700	ng		94
39) Benzo(a)pyrene	23.899	252	36315	0.718	ng	#	91
40) Dibenzo(a,h)anthracene	26.633	278	31738	0.659	ng		93
41) Benzo(g,h,i)perylene	27.422	276	32279	0.615	ng		97

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

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