Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120522\
Data File : BN023061.D
Acq On : 05 Dec 2022 16:01
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Dec 06 03:40:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 03:35:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.049	152	3490	0.400	ng		0.00
7) Naphthalene-d8	10.861	136	10371	0.400	ng		0.00
13) Acenaphthene-d10	14.688	164	6184	0.400	ng		0.00
19) Phenanthrene-d10	17.427	188	13405	0.400	ng		0.00
29) Chrysene-d12	21.625	240	12450	0.400	ng	#	0.00
35) Perylene-d12	24.103	264	9349	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.579	112	12358	1.363	ng		0.00
5) Phenol-d6	7.197	99	16602	1.437	ng		0.00
8) Nitrobenzene-d5	9.206	82	12575	1.561	ng		0.00
11) 2-Methylnaphthalene-d10	12.450	152	37689	1.676	ng		0.00
14) 2,4,6-Tribromophenol	16.173	330	4159	1.393	ng		0.00
15) 2-Fluorobiphenyl	13.319	172	45713	1.616	ng		0.00
27) Fluoranthene-d10	19.464	212	62867	1.727	ng		0.00
31) Terphenyl-d14	20.058	244	41743	1.427	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.427	88	6932	1.565	ng		99
3) n-Nitrosodimethylamine	3.752	42	7937	1.662	ng	#	97
6) bis(2-Chloroethyl)ether	7.464	93	18852	1.738	ng		99
9) Naphthalene	10.915	128	52117	1.632	ng		98
10) Hexachlorobutadiene	11.203	225	9863	1.504	ng	#	100
12) 2-Methylnaphthalene	12.140	142	8772	1.346	ng	#	88
16) Acenaphthylene	14.410	152	51057	1.559	ng		99
17) Acenaphthene	14.752	154	35849	1.664	ng		99
18) Fluorene	15.726	166	45094	1.634	ng		95
20) 4,6-Dinitro-2-methylph...	15.801	198	3552	2.371	ng	#	79
21) 4-Bromophenyl-phenylether	16.620	248	14497	1.498	ng		97
22) Hexachlorobenzene	16.744	284	18377	1.556	ng		100
23) Atrazine	16.881	200	9388	1.376	ng		97
24) Pentachlorophenol	17.079	266	5230	1.617	ng		100
25) Phenanthrene	17.476	178	77763	1.668	ng		99
26) Anthracene	17.563	178	65622	1.622	ng		100
28) Fluoranthene	19.494	202	89135	1.798	ng		100
30) Pyrene	19.857	202	90283	1.393	ng		98
32) Benzo(a)anthracene	21.607	228	77021	1.531	ng		99
33) Chrysene	21.661	228	85872	1.646	ng		98
34) Bis(2-ethylhexyl)phtha...	21.527	149	27810	1.376	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.696	276	87907	2.266	ng		99
37) Benzo(b)fluoranthene	23.343	252	74162	1.777	ng	#	94
38) Benzo(k)fluoranthene	23.392	252	78261	1.731	ng	#	94
39) Benzo(a)pyrene	23.992	252	58386	1.833	ng	#	91
40) Dibenzo(a,h)anthracene	26.720	278	70777	2.297	ng		97
41) Benzo(g,h,i)perylene	27.494	276	72470	2.183	ng		97

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

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