Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033024\
Data File : BN030536.D
Acq On : 29 Mar 2024 18:21
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Mar 29 23:53:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 23:46:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	6223	0.400	ng		0.00
7) Naphthalene-d8	10.485	136	18582	0.400	ng		0.00
13) Acenaphthene-d10	14.338	164	10576	0.400	ng		0.00
19) Phenanthrene-d10	17.090	188	23643	0.400	ng		0.00
29) Chrysene-d12	21.285	240	22112	0.400	ng		0.00
35) Perylene-d12	23.527	264	20225	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	22922	1.692	ng		0.00
5) Phenol-d6	6.873	99	29893	1.716	ng		0.00
8) Nitrobenzene-d5	8.851	82	22193	1.700	ng		0.00
11) 2-Methylnaphthalene-d10	12.081	152	48169	1.694	ng		0.00
14) 2,4,6-Tribromophenol	15.836	330	6838	1.711	ng		0.00
15) 2-Fluorobiphenyl	12.969	172	66546	1.628	ng		0.00
27) Fluoranthene-d10	19.126	212	108977	1.710	ng		0.00
31) Terphenyl-d14	19.730	244	85354	1.671	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.233	88	11804	1.572	ng		95
3) n-Nitrosodimethylamine	3.544	42	12679	1.746	ng		100
6) bis(2-Chloroethyl)ether	7.133	93	29349	1.707	ng		99
9) Naphthalene	10.538	128	86691	1.683	ng		99
10) Hexachlorobutadiene	10.827	225	17498	1.664	ng	#	99
12) 2-Methylnaphthalene	12.156	142	57510	1.701	ng		99
16) Acenaphthylene	14.060	152	82800	1.729	ng		100
17) Acenaphthene	14.402	154	56363	1.699	ng		98
18) Fluorene	15.396	166	74063	1.715	ng		100
20) 4,6-Dinitro-2-methylph...	15.471	198	4905	1.517	ng	#	63
21) 4-Bromophenyl-phenylether	16.283	248	24051	1.683	ng		99
22) Hexachlorobenzene	16.395	284	28384	1.664	ng		99
23) Atrazine	16.556	200	18008	1.733	ng		97
24) Pentachlorophenol	16.742	266	9513	1.521	ng		97
25) Phenanthrene	17.127	178	119173	1.699	ng		99
26) Anthracene	17.226	178	101655	1.729	ng		100
28) Fluoranthene	19.154	202	144500	1.734	ng		100
30) Pyrene	19.521	202	145456	1.681	ng		100
32) Benzo(a)anthracene	21.267	228	134917	1.723	ng		100
33) Chrysene	21.321	228	139693	1.664	ng		99
34) Bis(2-ethylhexyl)phtha...	21.213	149	56210	1.655	ng		99
36) Indeno(1,2,3-cd)pyrene	25.793	276	156660	1.749	ng		100
37) Benzo(b)fluoranthene	22.852	252	138755	1.686	ng	#	95
38) Benzo(k)fluoranthene	22.896	252	141093	1.709	ng		95
39) Benzo(a)pyrene	23.431	252	113262	1.719	ng	#	92
40) Dibenzo(a,h)anthracene	25.813	278	125436	1.767	ng		97
41) Benzo(g,h,i)perylene	26.486	276	129983	1.703	ng		98

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

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