Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122223\
Data File : BN029182.D
Acq On : 22 Dec 2023 18:06
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Dec 23 03:47:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 23 03:40:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	948	0.400	ng		0.00
7) Naphthalene-d8	10.562	136	1725	0.400	ng		-0.01
13) Acenaphthene-d10	14.414	164	927	0.400	ng		-0.01
19) Phenanthrene-d10	17.180	188	1511	0.400	ng		0.00
29) Chrysene-d12	21.384	240	640	0.400	ng		0.00
35) Perylene-d12	23.712	264	786	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	6895	3.187	ng		0.00
5) Phenol-d6	6.980	99	7955	3.279	ng		0.00
8) Nitrobenzene-d5	8.950	82	7310	3.368	ng		-0.01
11) 2-Methylnaphthalene-d10	12.158	152	9662	3.418	ng		0.00
14) 2,4,6-Tribromophenol	15.914	330	2163	3.182	ng		-0.01
15) 2-Fluorobiphenyl	13.046	172	17501	3.338	ng		-0.01
27) Fluoranthene-d10	19.215	212	10170	3.224	ng		0.00
31) Terphenyl-d14	19.828	244	5851	3.139	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	2725	3.254	ng		92
3) n-Nitrosodimethylamine	3.658	42	2235	3.469	ng	#	74
6) bis(2-Chloroethyl)ether	7.226	93	5907	3.465	ng		92
9) Naphthalene	10.615	128	17274	3.241	ng	#	89
10) Hexachlorobutadiene	10.882	225	5216	3.180	ng	#	99
12) 2-Methylnaphthalene	12.234	142	12665	3.354	ng		96
16) Acenaphthylene	14.136	152	20401	3.326	ng		99
17) Acenaphthene	14.479	154	12263	3.263	ng		98
18) Fluorene	15.473	166	17463	3.304	ng		98
20) 4,6-Dinitro-2-methylph...	15.567	198	2105	3.275	ng	#	40
21) 4-Bromophenyl-phenylether	16.374	248	4746	3.339	ng	#	79
22) Hexachlorobenzene	16.461	284	5442	3.244	ng		98
23) Atrazine	16.659	200	4129	3.193	ng	#	87
24) Pentachlorophenol	16.833	266	3386	3.478	ng		96
25) Phenanthrene	17.218	178	21345	3.226	ng		99
26) Anthracene	17.305	178	20973	3.298	ng		100
28) Fluoranthene	19.247	202	18927	3.194	ng	#	99
30) Pyrene	19.610	202	18685	3.101	ng		99
32) Benzo(a)anthracene	21.366	228	12473	3.432	ng		93
33) Chrysene	21.420	228	11596	3.277	ng		92
34) Bis(2-ethylhexyl)phtha...	21.312	149	13390	2.892	ng		98
36) Indeno(1,2,3-cd)pyrene	26.086	276	18390	3.475	ng	#	86
37) Benzo(b)fluoranthene	23.004	252	14048	3.400	ng	#	75
38) Benzo(k)fluoranthene	23.054	252	14232	3.369	ng	#	75
39) Benzo(a)pyrene	23.607	252	12803	3.397	ng	#	66
40) Dibenzo(a,h)anthracene	26.115	278	14306	3.553	ng	#	70
41) Benzo(g,h,i)perylene	26.817	276	15354	3.407	ng	#	85

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

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