Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012524\
Data File : BN029386.D
Acq On : 25 Jan 2024 14:31
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jan 26 01:40:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 01:37:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.912	152	3206	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	9345	0.400	ng		0.00
13) Acenaphthene-d10	14.554	164	5194	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	11172	0.400	ng		0.00
29) Chrysene-d12	21.510	240	11195	0.400	ng		0.00
35) Perylene-d12	23.905	264	11093	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.478	112	28288	3.228	ng		0.00
5) Phenol-d6	7.074	99	38287	3.254	ng		0.00
8) Nitrobenzene-d5	9.068	82	32019	3.254	ng		-0.01
11) 2-Methylnaphthalene-d10	12.303	152	50553	3.392	ng		0.00
14) 2,4,6-Tribromophenol	16.051	330	7642	3.340	ng		0.00
15) 2-Fluorobiphenyl	13.175	172	77519	3.230	ng		0.00
27) Fluoranthene-d10	19.341	212	114715	3.563	ng		0.00
31) Terphenyl-d14	19.949	244	87780	3.148	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	14163	3.278	ng		98
3) n-Nitrosodimethylamine	3.702	42	15080	3.587	ng	#	98
6) bis(2-Chloroethyl)ether	7.342	93	35867	3.274	ng		99
9) Naphthalene	10.765	128	97327	3.274	ng		99
10) Hexachlorobutadiene	11.043	225	17680	3.249	ng	#	98
12) 2-Methylnaphthalene	12.374	142	63941	3.341	ng		99
16) Acenaphthylene	14.265	152	95181	3.465	ng		100
17) Acenaphthene	14.618	154	61034	3.326	ng		98
18) Fluorene	15.605	166	81659	3.348	ng		99
20) 4,6-Dinitro-2-methylph...	15.679	198	7554	3.315	ng	#	67
21) 4-Bromophenyl-phenylether	16.498	248	25342	3.341	ng		98
22) Hexachlorobenzene	16.598	284	28759	3.303	ng		99
23) Atrazine	16.771	200	20144	3.540	ng		98
24) Pentachlorophenol	16.945	266	12400	3.291	ng		99
25) Phenanthrene	17.342	178	127423	3.350	ng		100
26) Anthracene	17.442	178	118815	3.538	ng		100
28) Fluoranthene	19.369	202	158310	3.542	ng		100
30) Pyrene	19.736	202	162742	3.201	ng		100
32) Benzo(a)anthracene	21.492	228	156217	3.428	ng		99
33) Chrysene	21.546	228	156463	3.303	ng		100
34) Bis(2-ethylhexyl)phtha...	21.447	149	88312	3.158	ng		99
36) Indeno(1,2,3-cd)pyrene	26.382	276	174144	3.627	ng		100
37) Benzo(b)fluoranthene	23.177	252	161147	3.436	ng		97
38) Benzo(k)fluoranthene	23.227	252	160877	3.523	ng		94
39) Benzo(a)pyrene	23.800	252	135370	3.578	ng		93
40) Dibenzo(a,h)anthracene	26.417	278	141074	3.654	ng		94
41) Benzo(g,h,i)perylene	27.142	276	148042	3.526	ng		98

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

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