Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120523\
Data File : BN029046.D
Acq On : 05 Dec 2023 21:50
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Dec 06 00:41:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:39:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	857	0.400	ng		0.00
7) Naphthalene-d8	10.551	136	1796	0.400	ng		#-0.01
13) Acenaphthene-d10	14.396	164	1480	0.400	ng		0.00
19) Phenanthrene-d10	17.146	188	3980	0.400	ng		0.00
29) Chrysene-d12	21.347	240	2987	0.400	ng		# 0.00
35) Perylene-d12	23.672	264	2860	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.391	112	5753	2.290	ng		0.00
5) Phenol-d6	6.980	99	7172	2.542	ng		0.00
8) Nitrobenzene-d5	8.939	82	6863	3.712	ng		0.00
11) 2-Methylnaphthalene-d10	12.147	152	12308	4.090	ng		0.00
14) 2,4,6-Tribromophenol	15.893	330	5087	4.744	ng		0.00
15) 2-Fluorobiphenyl	13.028	172	25521	3.891	ng		0.00
27) Fluoranthene-d10	19.185	212	40512	3.725	ng		0.00
31) Terphenyl-d14	19.794	244	24511	2.342	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.326	88	2129	2.640	ng		97
3) n-Nitrosodimethylamine	3.673	42	1474	1.422	ng	#	70
6) bis(2-Chloroethyl)ether	7.226	93	5207	2.231	ng		99
9) Naphthalene	10.605	128	17570	3.096	ng		96
10) Hexachlorobutadiene	10.872	225	7677	5.694	ng	#	100
12) 2-Methylnaphthalene	12.219	142	14503	3.907	ng		98
16) Acenaphthylene	14.118	152	27095	3.436	ng		99
17) Acenaphthene	14.460	154	16681	3.213	ng		99
18) Fluorene	15.454	166	26659	3.901	ng		96
20) 4,6-Dinitro-2-methylph...	15.545	198	4548	5.079	ng	#	66
21) 4-Bromophenyl-phenylether	16.352	248	11793	4.138	ng		96
22) Hexachlorobenzene	16.439	284	12812	3.710	ng		98
23) Atrazine	16.637	200	10068	4.048	ng		94
24) Pentachlorophenol	16.799	266	7450	4.561	ng		99
25) Phenanthrene	17.183	178	42447	3.217	ng		100
26) Anthracene	17.283	178	42204	3.456	ng		99
28) Fluoranthene	19.218	202	58685	4.082	ng		100
30) Pyrene	19.580	202	59194	3.231	ng		100
32) Benzo(a)anthracene	21.338	228	51242	3.926	ng		97
33) Chrysene	21.382	228	48343	3.775	ng		99
34) Bis(2-ethylhexyl)phtha...	21.275	149	28151	1.726	ng		100
36) Indeno(1,2,3-cd)pyrene	26.046	276	48917	3.806	ng		99
37) Benzo(b)fluoranthene	22.968	252	51202	4.185	ng	#	90
38) Benzo(k)fluoranthene	23.014	252	48890	4.251	ng	#	90
39) Benzo(a)pyrene	23.564	252	42504	3.924	ng	#	86
40) Dibenzo(a,h)anthracene	26.076	278	38155	3.836	ng	#	89
41) Benzo(g,h,i)perylene	26.777	276	39986	3.589	ng		96

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

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