Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120822\
Data File : BN023097.D
Acq On : 08 Dec 2022 16:26
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Dec 09 07:28:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 07:25:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.021	152	7961	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	23515	0.400	ng		0.00
13) Acenaphthene-d10	14.666	164	13256	0.400	ng		0.00
19) Phenanthrene-d10	17.414	188	27793	0.400	ng		0.00
29) Chrysene-d12	21.598	240	24897	0.400	ng		0.00
35) Perylene-d12	24.059	264	17546	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.558	112	24725	1.343	ng		0.00
5) Phenol-d6	7.168	99	32018	1.383	ng		0.00
8) Nitrobenzene-d5	9.185	82	26154	1.482	ng		0.00
11) 2-Methylnaphthalene-d10	12.427	152	67111	1.512	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	8264	1.476	ng		0.00
15) 2-Fluorobiphenyl	13.298	172	88442	1.503	ng		0.00
27) Fluoranthene-d10	19.439	212	111381	1.463	ng		0.00
31) Terphenyl-d14	20.031	244	68689	1.454	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	13318	1.349	ng		98
3) n-Nitrosodimethylamine	3.723	42	14509	1.503	ng	#	99
6) bis(2-Chloroethyl)ether	7.436	93	35736	1.398	ng		97
9) Naphthalene	10.893	128	99339	1.424	ng		99
10) Hexachlorobutadiene	11.182	225	18899	1.443	ng	#	100
12) 2-Methylnaphthalene	12.117	142	17618	1.651	ng	#	92
16) Acenaphthylene	14.388	152	94028	1.509	ng		100
17) Acenaphthene	14.730	154	66404	1.463	ng		99
18) Fluorene	15.703	166	75662	1.486	ng		99
20) 4,6-Dinitro-2-methylph...	15.776	198	6771	1.801	ng	#	81
21) 4-Bromophenyl-phenylether	16.595	248	25451	1.520	ng		98
22) Hexachlorobenzene	16.719	284	32935	1.515	ng		99
23) Atrazine	16.868	200	18156	1.490	ng		99
24) Pentachlorophenol	17.055	266	11351	1.778	ng		99
25) Phenanthrene	17.452	178	139569	1.490	ng		100
26) Anthracene	17.539	178	115325	1.528	ng		100
28) Fluoranthene	19.469	202	156823	1.534	ng		100
30) Pyrene	19.831	202	152036	1.465	ng		100
32) Benzo(a)anthracene	21.580	228	137563	1.497	ng		99
33) Chrysene	21.634	228	152270	1.482	ng		100
34) Bis(2-ethylhexyl)phtha...	21.500	149	53634	1.350	ng		99
36) Indeno(1,2,3-cd)pyrene	26.632	276	143051	1.534	ng		100
37) Benzo(b)fluoranthene	23.305	252	129768	1.618	ng	#	94
38) Benzo(k)fluoranthene	23.355	252	135698	1.651	ng		95
39) Benzo(a)pyrene	23.948	252	96478	1.485	ng	#	91
40) Dibenzo(a,h)anthracene	26.650	278	116720	1.582	ng		97
41) Benzo(g,h,i)perylene	27.421	276	121454	1.608	ng		98

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

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