Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029135.D
Acq On : 20 Dec 2023 15:26
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Dec 20 17:51:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 17:45:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.797	152	714	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	1233	0.400	ng		#-0.01
13) Acenaphthene-d10	14.425	164	587	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	993	0.400	ng		0.00
29) Chrysene-d12	21.384	240	567	0.400	ng		0.00
35) Perylene-d12	23.701	264	634	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	2831	1.656	ng		0.00
5) Phenol-d6	7.002	99	3134	1.670	ng		0.00
8) Nitrobenzene-d5	8.961	82	2680	1.666	ng		0.00
11) 2-Methylnaphthalene-d10	12.166	152	3267	1.749	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	765	1.491	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	5684	1.658	ng		0.00
27) Fluoranthene-d10	19.215	212	4042	1.682	ng		0.00
31) Terphenyl-d14	19.828	244	2470	1.586	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.348	88	1069	1.599	ng		99
3) n-Nitrosodimethylamine	3.694	42	757	1.623	ng	#	90
6) bis(2-Chloroethyl)ether	7.248	93	2380	1.631	ng		96
9) Naphthalene	10.626	128	6703	1.668	ng		93
10) Hexachlorobutadiene	10.893	225	2179	1.646	ng	#	98
12) 2-Methylnaphthalene	12.242	142	4460	1.698	ng		98
16) Acenaphthylene	14.147	152	6700	1.620	ng		99
17) Acenaphthene	14.490	154	4036	1.626	ng		97
18) Fluorene	15.473	166	5369	1.604	ng		98
20) 4,6-Dinitro-2-methylph...	15.580	198	771	1.696	ng	#	44
21) 4-Bromophenyl-phenylether	16.374	248	1659	1.615	ng	#	77
22) Hexachlorobenzene	16.473	284	1992	1.666	ng		97
23) Atrazine	16.672	200	1426	1.660	ng	#	85
24) Pentachlorophenol	16.833	266	1204	1.698	ng		92
25) Phenanthrene	17.218	178	6785	1.656	ng		96
26) Anthracene	17.317	178	6696	1.691	ng		98
28) Fluoranthene	19.248	202	7113	1.679	ng		99
30) Pyrene	19.610	202	7139	1.598	ng		98
32) Benzo(a)anthracene	21.367	228	5053	1.621	ng		93
33) Chrysene	21.420	228	5026	1.630	ng		93
34) Bis(2-ethylhexyl)phtha...	21.313	149	5312	1.629	ng	#	95
36) Indeno(1,2,3-cd)pyrene	26.080	276	7028	1.730	ng	#	65
37) Benzo(b)fluoranthene	22.999	252	5592	1.734	ng	#	76
38) Benzo(k)fluoranthene	23.046	252	5566	1.763	ng	#	76
39) Benzo(a)pyrene	23.598	252	4962	1.724	ng	#	73
40) Dibenzo(a,h)anthracene	26.104	278	5496	1.750	ng	#	77
41) Benzo(g,h,i)perylene	26.808	276	5945	1.719	ng	#	87

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

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