Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
Data File : BN028173.D
Acq On : 09 Oct 2023 23:38
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 10 00:45:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	4379	0.400	ng		0.00
7) Naphthalene-d8	10.735	136	12414	0.400	ng		0.00
13) Acenaphthene-d10	14.566	164	6143	0.400	ng		0.00
19) Phenanthrene-d10	17.319	188	11888	0.400	ng	#	0.00
29) Chrysene-d12	21.515	240	10269	0.400	ng		0.00
35) Perylene-d12	23.975	264	10641	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.466	112	4470	0.342	ng		0.00
5) Phenol-d6	7.091	99	5258	0.319	ng		0.00
8) Nitrobenzene-d5	9.123	82	3811	0.361	ng		0.00
11) 2-Methylnaphthalene-d10	12.324	152	6736	0.366	ng		0.00
14) 2,4,6-Tribromophenol	16.077	330	704	0.250	ng		0.00
15) 2-Fluorobiphenyl	13.187	172	9135	0.413	ng		0.00
27) Fluoranthene-d10	19.356	212	11442	0.383	ng		0.00
31) Terphenyl-d14	19.941	244	8764	0.366	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.357	88	2141	0.436	ng		93
3) n-Nitrosodimethylamine	3.711	42	2240	0.398	ng		93
6) bis(2-Chloroethyl)ether	7.366	93	4677	0.352	ng		95
9) Naphthalene	10.789	128	12930	0.403	ng		99
10) Hexachlorobutadiene	11.013	225	2269	0.398	ng	#	100
12) 2-Methylnaphthalene	12.400	142	8224	0.367	ng		98
16) Acenaphthylene	14.298	152	9886	0.363	ng		100
17) Acenaphthene	14.630	154	6996	0.403	ng		98
18) Fluorene	15.618	166	8738	0.388	ng		99
20) 4,6-Dinitro-2-methylph...	16.785	198	65	0.411	ng	#	70
21) 4-Bromophenyl-phenylether	16.512	248	2447	0.395	ng	#	77
22) Hexachlorobenzene	16.586	284	2718	0.418	ng		98
23) Atrazine	16.785	200	1770	0.327	ng		99
24) Pentachlorophenol	16.971	266	904	0.295	ng		96
25) Phenanthrene	17.368	178	12998	0.406	ng		100
26) Anthracene	17.455	178	10985	0.363	ng		99
28) Fluoranthene	19.384	202	14345	0.388	ng		100
30) Pyrene	19.751	202	14637	0.389	ng		100
32) Benzo(a)anthracene	21.498	228	12868	0.368	ng		100
33) Chrysene	21.551	228	14327	0.425	ng		99
34) Bis(2-ethylhexyl)phtha...	21.363	149	6539	0.285	ng		99
36) Indeno(1,2,3-cd)pyrene	26.557	276	16269	0.455	ng		99
37) Benzo(b)fluoranthene	23.212	252	13694	0.398	ng		98
38) Benzo(k)fluoranthene	23.262	252	14051	0.403	ng		99
39) Benzo(a)pyrene	23.864	252	12629	0.389	ng		99
40) Dibenzo(a,h)anthracene	26.577	278	13336	0.455	ng		96
41) Benzo(g,h,i)perylene	27.367	276	14481	0.482	ng		97

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

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