Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100223\
Data File : BN027991.D
Acq On : 02 Oct 2023 17:27
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Oct 02 17:54:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 16:50:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.951	152	4926	0.400	ng		0.00
7) Naphthalene-d8	10.767	136	15929	0.400	ng		0.00
13) Acenaphthene-d10	14.587	164	9304	0.400	ng		-0.01
19) Phenanthrene-d10	17.343	188	18320	0.400	ng		0.00
29) Chrysene-d12	21.533	240	14297	0.400	ng		0.00
35) Perylene-d12	24.013	264	14355	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.481	112	19550	1.549	ng		0.00
5) Phenol-d6	7.106	99	24924	1.577	ng		0.00
8) Nitrobenzene-d5	9.144	82	18855	1.491	ng		0.00
11) 2-Methylnaphthalene-d10	12.351	152	33025	1.435	ng		0.00
14) 2,4,6-Tribromophenol	16.090	330	5592	1.395	ng		0.00
15) 2-Fluorobiphenyl	13.219	172	47249	1.494	ng		0.00
27) Fluoranthene-d10	19.379	212	60724	1.277	ng		0.00
31) Terphenyl-d14	19.964	244	46971	1.670	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	7688	1.290	ng		97
3) n-Nitrosodimethylamine	3.711	42	8798	1.291	ng	#	97
6) bis(2-Chloroethyl)ether	7.387	93	21254	1.413	ng		100
9) Naphthalene	10.821	128	57125	1.320	ng		99
10) Hexachlorobutadiene	11.045	225	10197	1.353	ng	#	99
12) 2-Methylnaphthalene	12.426	142	40237	1.334	ng		99
16) Acenaphthylene	14.320	152	58387	1.464	ng		100
17) Acenaphthene	14.651	154	36887	1.334	ng		100
18) Fluorene	15.643	166	47038	1.188	ng		100
20) 4,6-Dinitro-2-methylph...	16.797	198	295	1.087	ng	#	66
21) 4-Bromophenyl-phenylether	16.524	248	14072	1.500	ng		96
22) Hexachlorobenzene	16.611	284	14599	1.382	ng		99
23) Atrazine	16.797	200	11157	1.559	ng		98
24) Pentachlorophenol	16.984	266	6690	1.517	ng		93
25) Phenanthrene	17.393	178	70034	1.326	ng		100
26) Anthracene	17.480	178	65850	1.429	ng		100
28) Fluoranthene	19.407	202	75577	1.165	ng		100
30) Pyrene	19.774	202	76604	1.501	ng		100
32) Benzo(a)anthracene	21.515	228	67745	1.368	ng		99
33) Chrysene	21.578	228	64944	1.221	ng		99
34) Bis(2-ethylhexyl)phtha...	21.390	149	40501	1.711	ng		100
36) Indeno(1,2,3-cd)pyrene	26.615	276	75325	1.279	ng		99
37) Benzo(b)fluoranthene	23.241	252	60950	1.099	ng	#	91
38) Benzo(k)fluoranthene	23.294	252	62209	1.105	ng	#	91
39) Benzo(a)pyrene	23.902	252	60551	1.199	ng	#	87
40) Dibenzo(a,h)anthracene	26.630	278	61632	1.281	ng		91
41) Benzo(g,h,i)perylene	27.428	276	63914	1.219	ng		95

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

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