Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
Data File : BN036332.D
Acq On : 06 Feb 2025 12:54
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 06 13:54:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 01:04:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.768	152	2400	0.400	ng		0.00
7) Naphthalene-d8	10.562	136	5097	0.400	ng		0.00
13) Acenaphthene-d10	14.409	164	2512	0.400	ng		0.00
19) Phenanthrene-d10	17.161	188	4814	0.400	ng	#	0.00
29) Chrysene-d12	21.340	240	4257	0.400	ng	#	0.00
35) Perylene-d12	23.625	264	4600	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.363	112	2789	0.447	ng		0.00
5) Phenol-d6	6.944	99	3102	0.423	ng		0.00
8) Nitrobenzene-d5	8.918	82	2083	0.433	ng		-0.01
11) 2-Methylnaphthalene-d10	12.156	152	2904	0.419	ng		0.00
14) 2,4,6-Tribromophenol	15.907	330	471	0.292	ng		0.00
15) 2-Fluorobiphenyl	13.041	172	3891	0.347	ng		0.00
27) Fluoranthene-d10	19.187	212	5187	0.416	ng		0.00
31) Terphenyl-d14	19.791	244	3696	0.418	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.283	88	1166	0.435	ng		98
3) n-Nitrosodimethylamine	3.593	42	1891	0.389	ng		84
6) bis(2-Chloroethyl)ether	7.197	93	2795	0.474	ng		98
9) Naphthalene	10.616	128	6143	0.415	ng		98
10) Hexachlorobutadiene	10.904	225	1711	0.358	ng	#	99
12) 2-Methylnaphthalene	12.233	142	3613	0.393	ng		97
16) Acenaphthylene	14.131	152	4598	0.386	ng		99
17) Acenaphthene	14.473	154	3194	0.392	ng		98
18) Fluorene	15.457	166	4176	0.409	ng		99
20) 4,6-Dinitro-2-methylph...	15.547	198	220	0.196	ng	#	36
21) 4-Bromophenyl-phenylether	16.354	248	1293	0.377	ng		95
22) Hexachlorobenzene	16.466	284	1707	0.378	ng		98
23) Atrazine	16.627	200	885	0.357	ng		99
24) Pentachlorophenol	16.813	266	588	0.301	ng		99
25) Phenanthrene	17.198	178	5871	0.406	ng		98
26) Anthracene	17.285	178	5174	0.393	ng		99
28) Fluoranthene	19.220	202	6819	0.401	ng	#	98
30) Pyrene	19.582	202	7000	0.406	ng		100
32) Benzo(a)anthracene	21.331	228	5830	0.378	ng		99
33) Chrysene	21.384	228	6425	0.407	ng		99
34) Bis(2-ethylhexyl)phtha...	21.259	149	3081	0.364	ng	#	100
36) Indeno(1,2,3-cd)pyrene	25.946	276	7256	0.393	ng		98
37) Benzo(b)fluoranthene	22.937	252	6592	0.394	ng	#	90
38) Benzo(k)fluoranthene	22.984	252	6425	0.381	ng	#	91
39) Benzo(a)pyrene	23.528	252	5684	0.398	ng	#	84
40) Dibenzo(a,h)anthracene	25.961	278	5614	0.382	ng		95
41) Benzo(g,h,i)perylene	26.651	276	6609	0.412	ng		96

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

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