Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
Data File : BN036318.D
Acq On : 06 Feb 2025 03:45
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 06 04:09:40 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	7.775	152	2275	0.400	ng		0.00
7) Naphthalene-d8	10.562	136	5023	0.400	ng		# 0.00
13) Acenaphthene-d10	14.409	164	2525	0.400	ng		0.00
19) Phenanthrene-d10	17.161	188	5008	0.400	ng		# 0.00
29) Chrysene-d12	21.339	240	4233	0.400	ng		0.00
35) Perylene-d12	23.624	264	4647	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.363	112	2673	0.452	ng		0.00
5) Phenol-d6	6.951	99	3021	0.435	ng		0.00
8) Nitrobenzene-d5	8.918	82	1993	0.420	ng		-0.01
11) 2-Methylnaphthalene-d10	12.156	152	2893	0.424	ng		0.00
14) 2,4,6-Tribromophenol	15.907	330	491	0.303	ng		0.00
15) 2-Fluorobiphenyl	13.040	172	3793	0.337	ng		0.00
27) Fluoranthene-d10	19.187	212	5315	0.410	ng		0.00
31) Terphenyl-d14	19.791	244	3838	0.436	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	1088	0.428	ng		96
3) n-Nitrosodimethylamine	3.593	42	1733	0.376	ng	#	80
6) bis(2-Chloroethyl)ether	7.197	93	2678	0.479	ng		98
9) Naphthalene	10.615	128	5951	0.408	ng		98
10) Hexachlorobutadiene	10.904	225	1673	0.355	ng	#	99
12) 2-Methylnaphthalene	12.232	142	3601	0.398	ng		96
16) Acenaphthylene	14.131	152	4592	0.384	ng		100
17) Acenaphthene	14.473	154	3176	0.387	ng		97
18) Fluorene	15.457	166	4205	0.409	ng		99
20) 4,6-Dinitro-2-methylph...	15.547	198	202	0.173	ng	#	27
21) 4-Bromophenyl-phenylether	16.354	248	1306	0.366	ng	#	93
22) Hexachlorobenzene	16.466	284	1733	0.369	ng		97
23) Atrazine	16.627	200	924	0.358	ng		99
24) Pentachlorophenol	16.813	266	644	0.317	ng		96
25) Phenanthrene	17.198	178	5940	0.395	ng		100
26) Anthracene	17.285	178	5257	0.384	ng		98
28) Fluoranthene	19.220	202	6949	0.393	ng		98
30) Pyrene	19.582	202	7157	0.417	ng		99
32) Benzo(a)anthracene	21.331	228	5994	0.390	ng		100
33) Chrysene	21.375	228	6420	0.409	ng		99
34) Bis(2-ethylhexyl)phtha...	21.259	149	3460	0.411	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.943	276	7429	0.398	ng		97
37) Benzo(b)fluoranthene	22.937	252	6642	0.393	ng	#	89
38) Benzo(k)fluoranthene	22.981	252	6402	0.376	ng	#	91
39) Benzo(a)pyrene	23.525	252	5889	0.408	ng	#	82
40) Dibenzo(a,h)anthracene	25.960	278	5771	0.388	ng		96
41) Benzo(g,h,i)perylene	26.650	276	6613	0.408	ng		96

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

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