Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080525\
Data File : BN037559.D
Acq On : 05 Aug 2025 09:35
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 06 01:38:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	2357	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	6191	0.400	ng		-0.01
13) Acenaphthene-d10	14.345	164	3180	0.400	ng		-0.01
19) Phenanthrene-d10	17.086	188	5684	0.400	ng		#-0.01
29) Chrysene-d12	21.268	240	4703	0.400	ng		# 0.00
35) Perylene-d12	23.505	264	3993	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	2075	0.356	ng		0.00
5) Phenol-d6	6.879	99	2587	0.354	ng		0.00
8) Nitrobenzene-d5	8.854	82	1728	0.373	ng		-0.01
11) 2-Methylnaphthalene-d10	12.091	152	3187	0.359	ng		-0.01
14) 2,4,6-Tribromophenol	15.833	330	445	0.285	ng		-0.01
15) 2-Fluorobiphenyl	12.973	172	6937	0.419	ng		-0.01
27) Fluoranthene-d10	19.122	212	5051	0.335	ng		0.00
31) Terphenyl-d14	19.722	244	3470	0.343	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	952	0.420	ng		98
3) n-Nitrosodimethylamine	3.543	42	1221	0.428	ng	#	85
6) bis(2-Chloroethyl)ether	7.139	93	2365	0.389	ng		98
9) Naphthalene	10.551	128	6332	0.384	ng		100
10) Hexachlorobutadiene	10.850	225	1516	0.415	ng	#	100
12) 2-Methylnaphthalene	12.167	142	3959	0.365	ng		99
16) Acenaphthylene	14.067	152	5250	0.369	ng		100
17) Acenaphthene	14.409	154	3599	0.372	ng		96
18) Fluorene	15.392	166	4557	0.365	ng		100
20) 4,6-Dinitro-2-methylph...	15.467	198	256	0.421	ng	#	80
21) 4-Bromophenyl-phenylether	16.292	248	1367	0.375	ng	#	84
22) Hexachlorobenzene	16.404	284	1931	0.410	ng		96
23) Atrazine	16.553	200	790	0.311	ng	#	93
24) Pentachlorophenol	16.739	266	595	0.282	ng		99
25) Phenanthrene	17.124	178	6657	0.391	ng		99
26) Anthracene	17.223	178	5544	0.357	ng		100
28) Fluoranthene	19.150	202	6780	0.345	ng		98
30) Pyrene	19.513	202	6578	0.347	ng		100
32) Benzo(a)anthracene	21.259	228	6199	0.376	ng		99
33) Chrysene	21.304	228	6716	0.392	ng		99
34) Bis(2-ethylhexyl)phtha...	21.205	149	2480	0.335	ng		100
36) Indeno(1,2,3-cd)pyrene	25.765	276	6340	0.381	ng		97
37) Benzo(b)fluoranthene	22.835	252	5635	0.372	ng		99
38) Benzo(k)fluoranthene	22.882	252	6267	0.401	ng		98
39) Benzo(a)pyrene	23.408	252	4850	0.384	ng		98
40) Dibenzo(a,h)anthracene	25.782	278	4787	0.355	ng		98
41) Benzo(g,h,i)perylene	26.452	276	5081	0.364	ng		98

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

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