Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
Data File : BN037002.D
Acq On : 13 May 2025 19:29
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: May 14 11:01:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 10:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.618	152	2018	0.400	ng		0.00
7) Naphthalene-d8	10.404	136	5326	0.400	ng		0.00
13) Acenaphthene-d10	14.267	164	3047	0.400	ng		0.00
19) Phenanthrene-d10	17.009	188	5996	0.400	ng		0.00
29) Chrysene-d12	21.207	240	5456	0.400	ng		0.00
35) Perylene-d12	23.418	264	5077	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	4133	0.782	ng		0.00
5) Phenol-d6	6.795	99	4989	0.754	ng		0.00
8) Nitrobenzene-d5	8.771	82	4266	0.736	ng		0.00
11) 2-Methylnaphthalene-d10	11.996	152	5833	0.778	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	972	0.726	ng		0.00
15) 2-Fluorobiphenyl	12.889	172	10981	0.787	ng		0.00
27) Fluoranthene-d10	19.054	212	12492	0.760	ng		0.00
31) Terphenyl-d14	19.658	244	8975	0.769	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.141	88	1965	0.794	ng		97
3) n-Nitrosodimethylamine	3.458	42	3920	0.737	ng	#	94
6) bis(2-Chloroethyl)ether	7.048	93	4579	0.752	ng		99
9) Naphthalene	10.447	128	11949	0.759	ng		97
10) Hexachlorobutadiene	10.746	225	2502	0.757	ng	#	100
12) 2-Methylnaphthalene	12.072	142	7803	0.771	ng		98
16) Acenaphthylene	13.989	152	11268	0.760	ng		100
17) Acenaphthene	14.331	154	7416	0.765	ng		99
18) Fluorene	15.325	166	9818	0.772	ng		99
20) 4,6-Dinitro-2-methylph...	15.400	198	946	0.760	ng		90
21) 4-Bromophenyl-phenylether	16.214	248	2963	0.782	ng		95
22) Hexachlorobenzene	16.326	284	3104	0.766	ng		97
23) Atrazine	16.487	200	2560	0.775	ng		92
24) Pentachlorophenol	16.674	266	1644	0.730	ng		97
25) Phenanthrene	17.058	178	15146	0.773	ng		100
26) Anthracene	17.145	178	13548	0.760	ng		99
28) Fluoranthene	19.082	202	17938	0.766	ng		100
30) Pyrene	19.444	202	18075	0.774	ng		100
32) Benzo(a)anthracene	21.198	228	15689	0.764	ng		99
33) Chrysene	21.242	228	16717	0.769	ng		98
34) Bis(2-ethylhexyl)phtha...	21.135	149	9326	0.737	ng		99
36) Indeno(1,2,3-cd)pyrene	25.629	276	15921	0.768	ng		99
37) Benzo(b)fluoranthene	22.755	252	16240	0.772	ng	#	93
38) Benzo(k)fluoranthene	22.798	252	16259	0.782	ng		94
39) Benzo(a)pyrene	23.322	252	13516	0.757	ng	#	87
40) Dibenzo(a,h)anthracene	25.643	278	12556	0.777	ng		94
41) Benzo(g,h,i)perylene	26.307	276	13503	0.769	ng		98

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

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