Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
Data File : BN037005.D
Acq On : 13 May 2025 21:17
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: May 14 11:02:18 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	2402	0.400	ng		0.00
7) Naphthalene-d8	10.404	136	6211	0.400	ng		0.00
13) Acenaphthene-d10	14.266	164	3660	0.400	ng		0.00
19) Phenanthrene-d10	17.008	188	7377	0.400	ng		0.00
29) Chrysene-d12	21.206	240	7435	0.400	ng		0.00
35) Perylene-d12	23.412	264	6657	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	29155	4.633	ng		0.00
5) Phenol-d6	6.794	99	38800	4.928	ng		0.00
8) Nitrobenzene-d5	8.760	82	34333	5.077	ng		-0.01
11) 2-Methylnaphthalene-d10	11.995	152	45677	5.225	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	8654	5.383	ng		0.00
15) 2-Fluorobiphenyl	12.888	172	82658	4.932	ng		0.00
27) Fluoranthene-d10	19.049	212	108672	5.372	ng		0.00
31) Terphenyl-d14	19.658	244	78766	4.953	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	13630	4.624	ng		98
3) n-Nitrosodimethylamine	3.443	42	28520	4.504	ng	#	95
6) bis(2-Chloroethyl)ether	7.047	93	34458	4.755	ng		99
9) Naphthalene	10.447	128	90412	4.926	ng		96
10) Hexachlorobutadiene	10.745	225	18076	4.692	ng	#	100
12) 2-Methylnaphthalene	12.072	142	61370	5.199	ng		98
16) Acenaphthylene	13.988	152	94911	5.328	ng		100
17) Acenaphthene	14.330	154	60171	5.169	ng		97
18) Fluorene	15.325	166	80175	5.250	ng		99
20) 4,6-Dinitro-2-methylph...	15.399	198	11401	5.020	ng	#	77
21) 4-Bromophenyl-phenylether	16.214	248	23877	5.124	ng		93
22) Hexachlorobenzene	16.325	284	24597	4.931	ng		100
23) Atrazine	16.487	200	22281	5.483	ng		91
24) Pentachlorophenol	16.673	266	16300	5.883	ng		97
25) Phenanthrene	17.058	178	125493	5.205	ng		100
26) Anthracene	17.145	178	119884	5.464	ng		100
28) Fluoranthene	19.081	202	156131	5.421	ng		99
30) Pyrene	19.444	202	159039	5.001	ng		100
32) Benzo(a)anthracene	21.197	228	149524	5.341	ng		99
33) Chrysene	21.242	228	146457	4.946	ng		98
34) Bis(2-ethylhexyl)phtha...	21.134	149	93938	5.445	ng		99
36) Indeno(1,2,3-cd)pyrene	25.628	276	139772	5.141	ng		97
37) Benzo(b)fluoranthene	22.754	252	146896	5.323	ng	#	89
38) Benzo(k)fluoranthene	22.798	252	143001	5.244	ng	#	90
39) Benzo(a)pyrene	23.318	252	123679	5.280	ng	#	80
40) Dibenzo(a,h)anthracene	25.643	278	111001	5.241	ng	#	91
41) Benzo(g,h,i)perylene	26.309	276	114459	4.975	ng		98

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

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