Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037358.D
Acq On : 20 Jun 2025 19:51
Operator : RC/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jun 20 23:28:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:25:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.568	152	2553	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	5431	0.400	ng	#	0.00
13) Acenaphthene-d10	14.213	164	3830	0.400	ng		0.00
19) Phenanthrene-d10	16.959	188	7833	0.400	ng	#	-0.01
29) Chrysene-d12	21.162	240	7155	0.400	ng		0.00
35) Perylene-d12	23.348	264	6736	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	16051	3.439	ng		0.00
5) Phenol-d6	6.744	99	17930	3.882	ng		0.00
8) Nitrobenzene-d5	8.707	82	15387	3.413	ng		-0.01
11) 2-Methylnaphthalene-d10	11.940	152	28839	3.282	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	7296	2.664	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	53666	3.194	ng		0.00
27) Fluoranthene-d10	19.003	212	72122	2.957	ng		0.00
31) Terphenyl-d14	19.611	244	53536	3.277	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.097	88	7556	3.351	ng		91
3) n-Nitrosodimethylamine	3.408	42	7228	2.753	ng	#	72
6) bis(2-Chloroethyl)ether	6.997	93	16052	3.972	ng		97
9) Naphthalene	10.394	128	45711	3.247	ng	#	86
10) Hexachlorobutadiene	10.682	225	16687	2.426	ng	#	99
12) 2-Methylnaphthalene	12.016	142	33783	3.412	ng	#	92
16) Acenaphthylene	13.935	152	52599	3.272	ng		98
17) Acenaphthene	14.277	154	34413	3.229	ng		98
18) Fluorene	15.271	166	49180	3.256	ng		100
20) 4,6-Dinitro-2-methylph...	15.357	198	6721	2.838	ng	#	44
21) 4-Bromophenyl-phenylether	16.165	248	18488	2.891	ng		96
22) Hexachlorobenzene	16.276	284	18573	2.784	ng		98
23) Atrazine	16.438	200	14961	2.988	ng	#	81
24) Pentachlorophenol	16.624	266	10110	2.761	ng		97
25) Phenanthrene	17.009	178	76487	3.455	ng		99
26) Anthracene	17.095	178	71218	3.446	ng		98
28) Fluoranthene	19.035	202	94745	3.129	ng	#	99
30) Pyrene	19.398	202	93984	3.430	ng		99
32) Benzo(a)anthracene	21.144	228	78532	3.401	ng		97
33) Chrysene	21.197	228	87474	2.987	ng		97
34) Bis(2-ethylhexyl)phtha...	21.090	149	30412	3.214	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.529	276	98025	3.433	ng	#	90
37) Benzo(b)fluoranthene	22.696	252	82568	3.456	ng	#	84
38) Benzo(k)fluoranthene	22.737	252	87144	3.359	ng	#	83
39) Benzo(a)pyrene	23.254	252	72643	3.323	ng	#	76
40) Dibenzo(a,h)anthracene	25.547	278	77899	3.426	ng	#	74
41) Benzo(g,h,i)perylene	26.199	276	84957	3.239	ng		93

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

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