Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071125\
Data File : BN037472.D
Acq On : 11 Jul 2025 14:12
Operator : RC/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jul 11 15:27:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:17:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.731	152	1783	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4111	0.400	ng		0.00
13) Acenaphthene-d10	14.355	164	2097	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	3689	0.400	ng		0.00
29) Chrysene-d12	21.286	240	3278	0.400	ng	#	0.00
35) Perylene-d12	23.534	264	2672	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	13443	3.239	ng		0.00
5) Phenol-d6	6.894	99	16707	3.200	ng		0.00
8) Nitrobenzene-d5	8.864	82	10071	3.375	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	18523	3.314	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	2561	3.601	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	39540	3.303	ng		0.00
27) Fluoranthene-d10	19.132	212	30970	3.328	ng		0.00
31) Terphenyl-d14	19.740	244	21864	3.197	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	5469	3.266	ng		96
3) n-Nitrosodimethylamine	3.550	42	7419	3.314	ng		97
6) bis(2-Chloroethyl)ether	7.154	93	14049	3.216	ng		100
9) Naphthalene	10.562	128	36457	3.301	ng		96
10) Hexachlorobutadiene	10.861	225	8593	3.238	ng	#	99
12) 2-Methylnaphthalene	12.177	142	23612	3.413	ng		99
16) Acenaphthylene	14.077	152	31638	3.309	ng		99
17) Acenaphthene	14.419	154	21303	3.320	ng		97
18) Fluorene	15.414	166	27172	3.371	ng		98
20) 4,6-Dinitro-2-methylph...	15.478	198	1680	4.053	ng	#	48
21) 4-Bromophenyl-phenylether	16.304	248	7684	3.339	ng		95
22) Hexachlorobenzene	16.416	284	10345	3.258	ng		99
23) Atrazine	16.565	200	4528	3.955	ng		90
24) Pentachlorophenol	16.751	266	3862	3.532	ng		97
25) Phenanthrene	17.136	178	37061	3.299	ng		100
26) Anthracene	17.235	178	34968	3.450	ng		99
28) Fluoranthene	19.164	202	42951	3.485	ng		99
30) Pyrene	19.526	202	41820	3.173	ng		100
32) Benzo(a)anthracene	21.277	228	37454	3.374	ng		97
33) Chrysene	21.321	228	38393	3.164	ng		99
34) Bis(2-ethylhexyl)phtha...	21.232	149	12243	3.243	ng		96
36) Indeno(1,2,3-cd)pyrene	25.808	276	37588	3.624	ng		99
37) Benzo(b)fluoranthene	22.861	252	35793	3.445	ng	#	92
38) Benzo(k)fluoranthene	22.905	252	37293	3.541	ng	#	91
39) Benzo(a)pyrene	23.437	252	29875	3.573	ng	#	87
40) Dibenzo(a,h)anthracene	25.826	278	30827	3.685	ng	#	89
41) Benzo(g,h,i)perylene	26.495	276	32205	3.515	ng		93

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

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