Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081225\
Data File : BN037585.D
Acq On : 12 Aug 2025 20:42
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN081225

Quant Time: Aug 13 05:03:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	1850	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	4517	0.400	ng		0.00
13) Acenaphthene-d10	14.345	164	2241	0.400	ng		0.00
19) Phenanthrene-d10	17.087	188	4564	0.400	ng		0.00
29) Chrysene-d12	21.268	240	4001	0.400	ng	#	0.00
35) Perylene-d12	23.511	264	3490	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	1785	0.426	ng		0.00
5) Phenol-d6	6.880	99	2272	0.450	ng		0.00
8) Nitrobenzene-d5	8.854	82	1408	0.443	ng		0.00
11) 2-Methylnaphthalene-d10	12.091	152	2611	0.425	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	358	0.365	ng		0.00
15) 2-Fluorobiphenyl	12.973	172	5746	0.443	ng		0.00
27) Fluoranthene-d10	19.118	212	4866	0.405	ng		0.00
31) Terphenyl-d14	19.727	244	3884	0.472	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	889	0.502	ng		99
3) n-Nitrosodimethylamine	3.543	42	1054	0.466	ng		98
6) bis(2-Chloroethyl)ether	7.140	93	1993	0.438	ng		99
9) Naphthalene	10.552	128	4985	0.415	ng		100
10) Hexachlorobutadiene	10.851	225	1259	0.429	ng	#	100
12) 2-Methylnaphthalene	12.167	142	2809	0.372	ng		98
16) Acenaphthylene	14.067	152	4504	0.448	ng		99
17) Acenaphthene	14.409	154	2768	0.405	ng		99
18) Fluorene	15.393	166	3592	0.402	ng		99
20) 4,6-Dinitro-2-methylph...	15.467	198	209	0.433	ng		97
21) 4-Bromophenyl-phenylether	16.292	248	1147	0.400	ng		98
22) Hexachlorobenzene	16.404	284	1702	0.419	ng		99
23) Atrazine	16.553	200	681	0.420	ng		98
24) Pentachlorophenol	16.739	266	484	0.339	ng		96
25) Phenanthrene	17.124	178	5612	0.404	ng		100
26) Anthracene	17.223	178	4939	0.402	ng		99
28) Fluoranthene	19.150	202	6097	0.382	ng		100
30) Pyrene	19.513	202	5925	0.396	ng		100
32) Benzo(a)anthracene	21.259	228	5497	0.411	ng		100
33) Chrysene	21.304	228	6035	0.405	ng		98
34) Bis(2-ethylhexyl)phtha...	21.205	149	2306	0.418	ng		99
36) Indeno(1,2,3-cd)pyrene	25.765	276	6028	0.410	ng		99
37) Benzo(b)fluoranthene	22.835	252	5410	0.409	ng		99
38) Benzo(k)fluoranthene	22.879	252	6026	0.404	ng		99
39) Benzo(a)pyrene	23.408	252	4761	0.434	ng		99
40) Dibenzo(a,h)anthracene	25.788	278	4571	0.401	ng		100
41) Benzo(g,h,i)perylene	26.458	276	4888	0.407	ng		99

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

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