Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071125\
Data File : BN037474.D
Acq On : 11 Jul 2025 15:25
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN071125

Quant Time: Jul 11 16:29:03 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 15:38:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	1795	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4293	0.400	ng		0.00
13) Acenaphthene-d10	14.355	164	2055	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	3647	0.400	ng		0.00
29) Chrysene-d12	21.286	240	2808	0.400	ng		0.00
35) Perylene-d12	23.531	264	2686	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1616	0.387	ng		0.00
5) Phenol-d6	6.894	99	2005	0.381	ng		0.00
8) Nitrobenzene-d5	8.865	82	1382	0.443	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	2460	0.422	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	249	0.357	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	5463	0.466	ng		0.00
27) Fluoranthene-d10	19.132	212	3712	0.403	ng		0.00
31) Terphenyl-d14	19.740	244	2601	0.444	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	827	0.491	ng		95
3) n-Nitrosodimethylamine	3.557	42	955	0.424	ng		95
6) bis(2-Chloroethyl)ether	7.154	93	1983	0.451	ng		99
9) Naphthalene	10.562	128	4841	0.420	ng		99
10) Hexachlorobutadiene	10.861	225	1182	0.427	ng	#	100
12) 2-Methylnaphthalene	12.177	142	2750	0.381	ng		98
16) Acenaphthylene	14.077	152	4297	0.459	ng		100
17) Acenaphthene	14.420	154	2598	0.413	ng		99
18) Fluorene	15.414	166	3179	0.402	ng		99
20) 4,6-Dinitro-2-methylph...	15.478	198	167	0.408	ng		84
21) 4-Bromophenyl-phenylether	16.304	248	959	0.422	ng		96
22) Hexachlorobenzene	16.416	284	1358	0.433	ng		100
23) Atrazine	16.565	200	469	0.414	ng		98
24) Pentachlorophenol	16.751	266	364	0.337	ng		97
25) Phenanthrene	17.136	178	4686	0.422	ng		100
26) Anthracene	17.235	178	4164	0.415	ng		100
28) Fluoranthene	19.164	202	4784	0.393	ng		99
30) Pyrene	19.527	202	4634	0.410	ng		100
32) Benzo(a)anthracene	21.277	228	3978	0.418	ng		98
33) Chrysene	21.322	228	4341	0.418	ng		100
34) Bis(2-ethylhexyl)phtha...	21.232	149	1323	0.409	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.806	276	4274	0.410	ng		99
37) Benzo(b)fluoranthene	22.858	252	3894	0.373	ng		99
38) Benzo(k)fluoranthene	22.905	252	4346	0.410	ng		99
39) Benzo(a)pyrene	23.434	252	3457	0.411	ng		98
40) Dibenzo(a,h)anthracene	25.823	278	3486	0.415	ng		97
41) Benzo(g,h,i)perylene	26.490	276	3518	0.382	ng		98

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

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