Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037232.D
Acq On : 13 Jun 2025 17:47
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN061325

Quant Time: Jun 13 18:44:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.582	152	1986	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	4902	0.400	ng		#-0.01
13) Acenaphthene-d10	14.224	164	2552	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	4515	0.400	ng		0.00
29) Chrysene-d12	21.180	240	3230	0.400	ng		0.00
35) Perylene-d12	23.366	264	3076	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.177	112	1716	0.352	ng		0.00
5) Phenol-d6	6.759	99	1849	0.360	ng		0.00
8) Nitrobenzene-d5	8.728	82	1988	0.410	ng		0.00
11) 2-Methylnaphthalene-d10	11.955	152	2615	0.398	ng		0.00
14) 2,4,6-Tribromophenol	15.730	330	327	0.308	ng		0.00
15) 2-Fluorobiphenyl	12.848	172	4427	0.413	ng		0.00
27) Fluoranthene-d10	19.017	212	4358	0.369	ng		0.00
31) Terphenyl-d14	19.625	244	3044	0.417	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	1095	0.402	ng		91
3) n-Nitrosodimethylamine	3.422	42	2259	0.364	ng	#	91
6) bis(2-Chloroethyl)ether	7.012	93	2110	0.458	ng		89
9) Naphthalene	10.404	128	5483	0.386	ng		97
10) Hexachlorobutadiene	10.693	225	1319	0.382	ng	#	97
12) 2-Methylnaphthalene	12.026	142	3073	0.356	ng		99
16) Acenaphthylene	13.946	152	5109	0.409	ng		98
17) Acenaphthene	14.288	154	3050	0.378	ng		99
18) Fluorene	15.282	166	3826	0.369	ng		100
20) 4,6-Dinitro-2-methylph...	15.378	198	326	0.392	ng		92
21) 4-Bromophenyl-phenylether	16.177	248	1082	0.368	ng		97
22) Hexachlorobenzene	16.289	284	1296	0.380	ng		98
23) Atrazine	16.450	200	1004	0.383	ng		89
24) Pentachlorophenol	16.636	266	540	0.323	ng		95
25) Phenanthrene	17.021	178	5458	0.381	ng		99
26) Anthracene	17.108	178	4934	0.376	ng		100
28) Fluoranthene	19.045	202	5935	0.354	ng		98
30) Pyrene	19.407	202	5948	0.392	ng		100
32) Benzo(a)anthracene	21.162	228	4183	0.384	ng		99
33) Chrysene	21.215	228	5302	0.390	ng		98
34) Bis(2-ethylhexyl)phtha...	21.108	149	3027	0.373	ng		100
36) Indeno(1,2,3-cd)pyrene	25.558	276	4825	0.389	ng		99
37) Benzo(b)fluoranthene	22.711	252	4122	0.366	ng		96
38) Benzo(k)fluoranthene	22.752	252	4721	0.363	ng		98
39) Benzo(a)pyrene	23.272	252	4086	0.404	ng	#	93
40) Dibenzo(a,h)anthracene	25.573	278	3443	0.365	ng		94
41) Benzo(g,h,i)perylene	26.219	276	4068	0.354	ng		97

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

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