Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037320.D
Acq On : 18 Jun 2025 18:19
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN061925

Quant Time: Jun 19 02:39:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:40:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	972	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	2132	0.400	ng	#	0.00
13) Acenaphthene-d10	14.224	164	1447	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	2959	0.400	ng		0.00
29) Chrysene-d12	21.171	240	2769	0.400	ng		0.00
35) Perylene-d12	23.360	264	2849	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.170	112	690	0.391	ng		0.00
5) Phenol-d6	6.752	99	721	0.415	ng		0.00
8) Nitrobenzene-d5	8.717	82	752	0.423	ng		-0.01
11) 2-Methylnaphthalene-d10	11.945	152	1511	0.436	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	372	0.349	ng		0.00
15) 2-Fluorobiphenyl	12.838	172	2964	0.467	ng		0.00
27) Fluoranthene-d10	19.012	212	3841	0.409	ng		0.00
31) Terphenyl-d14	19.621	244	2829	0.445	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	435	0.501	ng		96
3) n-Nitrosodimethylamine	3.422	42	421	0.419	ng		99
6) bis(2-Chloroethyl)ether	7.012	93	758	0.510	ng		91
9) Naphthalene	10.394	128	2354	0.427	ng		94
10) Hexachlorobutadiene	10.682	225	1074	0.385	ng	#	97
12) 2-Methylnaphthalene	12.021	142	1523	0.392	ng		96
16) Acenaphthylene	13.935	152	2862	0.470	ng		99
17) Acenaphthene	14.288	154	1697	0.420	ng		99
18) Fluorene	15.282	166	2412	0.421	ng		100
20) 4,6-Dinitro-2-methylph...	15.378	198	327	0.360	ng		90
21) 4-Bromophenyl-phenylether	16.177	248	988	0.402	ng		99
22) Hexachlorobenzene	16.276	284	1117	0.434	ng		98
23) Atrazine	16.450	200	836	0.436	ng		93
24) Pentachlorophenol	16.636	266	494	0.347	ng		96
25) Phenanthrene	17.009	178	3566	0.428	ng		99
26) Anthracene	17.108	178	3369	0.431	ng		99
28) Fluoranthene	19.040	202	4533	0.392	ng		99
30) Pyrene	19.407	202	4632	0.439	ng		99
32) Benzo(a)anthracene	21.162	228	3833	0.430	ng		99
33) Chrysene	21.207	228	4589	0.403	ng		99
34) Bis(2-ethylhexyl)phtha...	21.099	149	1570	0.429	ng		98
36) Indeno(1,2,3-cd)pyrene	25.550	276	5140	0.429	ng	#	96
37) Benzo(b)fluoranthene	22.705	252	3877	0.390	ng		95
38) Benzo(k)fluoranthene	22.752	252	4702	0.430	ng		97
39) Benzo(a)pyrene	23.266	252	4154	0.451	ng		97
40) Dibenzo(a,h)anthracene	25.567	278	3885	0.404	ng		91
41) Benzo(g,h,i)perylene	26.213	276	4528	0.412	ng		98

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

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