Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112725\
Data File : BN038219.D
Acq On : 27 Nov 2025 00:49
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN112725

Quant Time: Nov 28 20:56:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 20:22:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.768	152	8286	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	26445	0.400	ng		0.00
13) Acenaphthene-d10	14.430	164	15555	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	26160	0.400	ng		0.00
29) Chrysene-d12	21.366	240	14480	0.400	ng		0.00
35) Perylene-d12	23.677	264	13201	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	9400	0.485	ng		0.00
5) Phenol-d6	6.930	99	12758	0.527	ng		0.00
8) Nitrobenzene-d5	8.918	82	8931	0.422	ng		0.00
11) 2-Methylnaphthalene-d10	12.167	152	17680	0.471	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	2465	0.504	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	27860	0.464	ng		0.00
27) Fluoranthene-d10	19.215	212	25558	0.450	ng		0.00
31) Terphenyl-d14	19.815	244	16070	0.481	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	3822	0.438	ng		98
3) n-Nitrosodimethylamine	3.557	42	4687	0.435	ng	#	99
6) bis(2-Chloroethyl)ether	7.190	93	11078	0.478	ng		98
9) Naphthalene	10.616	128	33280	0.453	ng		100
10) Hexachlorobutadiene	10.915	225	5553	0.445	ng	#	97
12) 2-Methylnaphthalene	12.243	142	22580	0.467	ng		100
16) Acenaphthylene	14.142	152	30627	0.440	ng		99
17) Acenaphthene	14.494	154	22117	0.456	ng		99
18) Fluorene	15.478	166	29030	0.463	ng		100
20) 4,6-Dinitro-2-methylph...	15.560	198	1331	0.648	ng	#	31
21) 4-Bromophenyl-phenylether	16.379	248	8311	0.459	ng		96
22) Hexachlorobenzene	16.491	284	10112	0.454	ng		99
23) Atrazine	16.652	200	4807	0.415	ng		98
24) Pentachlorophenol	16.838	266	3722	0.609	ng		98
25) Phenanthrene	17.223	178	37032	0.451	ng		100
26) Anthracene	17.310	178	31322	0.447	ng		99
28) Fluoranthene	19.243	202	35631	0.450	ng		99
30) Pyrene	19.610	202	34919	0.483	ng		99
32) Benzo(a)anthracene	21.357	228	22927	0.468	ng		99
33) Chrysene	21.402	228	26769	0.463	ng		98
34) Bis(2-ethylhexyl)phtha...	21.286	149	12409	0.462	ng		99
36) Indeno(1,2,3-cd)pyrene	26.031	276	28585	0.468	ng		99
37) Benzo(b)fluoranthene	22.978	252	24504	0.452	ng		96
38) Benzo(k)fluoranthene	23.025	252	26724	0.474	ng		96
39) Benzo(a)pyrene	23.578	252	20972	0.462	ng		95
40) Dibenzo(a,h)anthracene	26.051	278	21955	0.475	ng		96
41) Benzo(g,h,i)perylene	26.744	276	25311	0.461	ng		99

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

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