Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102825\
Data File : BN038117.D
Acq On : 28 Oct 2025 16:38
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Oct 28 17:31:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 28 17:15:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	10579	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	31197	0.400	ng	#	0.00
13) Acenaphthene-d10	14.430	164	17960	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	33242	0.400	ng		0.00
29) Chrysene-d12	21.375	240	25416	0.400	ng		0.00
35) Perylene-d12	23.680	264	18172	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	116608	4.679	ng		0.00
5) Phenol-d6	6.937	99	150343	4.953	ng		0.00
8) Nitrobenzene-d5	8.929	82	119764	4.757	ng		0.00
11) 2-Methylnaphthalene-d10	12.177	152	225769	5.068	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	43520	5.881	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	335695	4.667	ng		0.00
27) Fluoranthene-d10	19.220	212	419371	5.003	ng		0.00
31) Terphenyl-d14	19.819	244	283126	5.127	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	51426	4.705	ng		100
3) n-Nitrosodimethylamine	3.557	42	68522	4.871	ng		96
6) bis(2-Chloroethyl)ether	7.197	93	142662	4.784	ng		99
9) Naphthalene	10.626	128	422794	4.920	ng		99
10) Hexachlorobutadiene	10.925	225	68839	4.748	ng	#	99
12) 2-Methylnaphthalene	12.248	142	287955	5.025	ng		99
16) Acenaphthylene	14.152	152	428380	5.267	ng		99
17) Acenaphthene	14.494	154	291166	5.117	ng		95
18) Fluorene	15.489	166	389813	5.227	ng		98
21) 4-Bromophenyl-phenylether	16.379	248	114170	5.239	ng	#	92
22) Hexachlorobenzene	16.503	284	123999	5.003	ng		99
23) Atrazine	16.652	200	87823	5.501	ng		97
24) Pentachlorophenol	16.838	266	66071	6.188	ng		99
25) Phenanthrene	17.223	178	539294	5.110	ng		100
26) Anthracene	17.322	178	499584	5.411	ng		99
28) Fluoranthene	19.253	202	587710	4.984	ng		99
30) Pyrene	19.610	202	586526	5.112	ng		100
32) Benzo(a)anthracene	21.358	228	462496	5.100	ng		100
33) Chrysene	21.411	228	473389	4.811	ng		99
34) Bis(2-ethylhexyl)phtha...	21.295	149	223481	4.679	ng		99
36) Indeno(1,2,3-cd)pyrene	26.034	276	403825	5.409	ng		99
37) Benzo(b)fluoranthene	22.981	252	413811	5.326	ng	#	90
38) Benzo(k)fluoranthene	23.028	252	421255	5.387	ng	#	88
39) Benzo(a)pyrene	23.578	252	332107	5.340	ng	#	83
40) Dibenzo(a,h)anthracene	26.048	278	318538	5.545	ng		91
41) Benzo(g,h,i)perylene	26.750	276	342713	5.223	ng		98

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

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