Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091125\
Data File : BN037695.D
Acq On : 11 Sep 2025 12:20
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Sep 11 14:06:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:02:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	5277	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	13818	0.400	ng		0.00
13) Acenaphthene-d10	14.495	164	6567	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	11496	0.400	ng		0.00
29) Chrysene-d12	21.420	240	9743	0.400	ng		0.00
35) Perylene-d12	23.750	264	9111	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	19252	1.589	ng		0.00
5) Phenol-d6	6.988	99	25180	1.603	ng		0.00
8) Nitrobenzene-d5	8.993	82	16386	1.621	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	28843	1.576	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	2959	1.728	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	44363	1.615	ng		0.00
27) Fluoranthene-d10	19.267	212	43876	1.520	ng		0.00
31) Terphenyl-d14	19.871	244	31656	1.601	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	9125	1.660	ng		98
3) n-Nitrosodimethylamine	3.601	42	11726	1.633	ng	#	96
6) bis(2-Chloroethyl)ether	7.255	93	22759	1.622	ng		99
9) Naphthalene	10.701	128	61726	1.634	ng		99
10) Hexachlorobutadiene	11.000	225	11208	1.640	ng	#	100
12) 2-Methylnaphthalene	12.314	142	38501	1.648	ng		99
16) Acenaphthylene	14.206	152	49508	1.644	ng		100
17) Acenaphthene	14.559	154	33424	1.641	ng		99
18) Fluorene	15.535	166	40588	1.646	ng		99
20) 4,6-Dinitro-2-methylph...	15.610	198	1837	1.725	ng	#	46
21) 4-Bromophenyl-phenylether	16.441	248	12511	1.669	ng		98
22) Hexachlorobenzene	16.553	284	14034	1.628	ng		99
23) Atrazine	16.702	200	7765	1.628	ng		97
24) Pentachlorophenol	16.888	266	3932	1.571	ng		98
25) Phenanthrene	17.285	178	59082	1.632	ng		100
26) Anthracene	17.372	178	52416	1.635	ng		100
28) Fluoranthene	19.299	202	64074	1.614	ng		100
30) Pyrene	19.661	202	62457	1.638	ng		100
32) Benzo(a)anthracene	21.402	228	54932	1.616	ng		99
33) Chrysene	21.447	228	58866	1.615	ng		97
34) Bis(2-ethylhexyl)phtha...	21.349	149	14814	1.470	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.139	276	65254	1.705	ng		100
37) Benzo(b)fluoranthene	23.043	252	59639	1.662	ng		95
38) Benzo(k)fluoranthene	23.090	252	62123	1.698	ng		96
39) Benzo(a)pyrene	23.645	252	47897	1.667	ng	#	92
40) Dibenzo(a,h)anthracene	26.159	278	53306	1.744	ng		93
41) Benzo(g,h,i)perylene	26.858	276	57151	1.666	ng		97

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

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