Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090425\
Data File : BN037662.D
Acq On : 04 Sep 2025 17:12
Operator : RC/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Sep 04 18:23:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 04 18:19:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	2604	0.400	ng		0.00
7) Naphthalene-d8	10.487	136	5752	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	2608	0.400	ng		0.00
19) Phenanthrene-d10	17.074	188	4526	0.400	ng		0.00
29) Chrysene-d12	21.268	240	4376	0.400	ng	#	0.00
35) Perylene-d12	23.499	264	3929	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.298	112	20725	3.257	ng		0.00
5) Phenol-d6	6.872	99	24812	3.255	ng		0.00
8) Nitrobenzene-d5	8.843	82	14993	3.318	ng		0.00
11) 2-Methylnaphthalene-d10	12.080	152	24555	3.242	ng		0.00
14) 2,4,6-Tribromophenol	15.820	330	4518	3.212	ng		0.00
15) 2-Fluorobiphenyl	12.963	172	48148	3.300	ng		0.00
27) Fluoranthene-d10	19.108	212	38381	3.401	ng		0.00
31) Terphenyl-d14	19.712	244	26774	3.105	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.232	88	8469	3.264	ng		99
3) n-Nitrosodimethylamine	3.528	42	11022	3.279	ng	#	99
6) bis(2-Chloroethyl)ether	7.132	93	20716	3.182	ng		100
9) Naphthalene	10.530	128	51502	3.285	ng		98
10) Hexachlorobutadiene	10.840	225	11793	3.280	ng	#	99
12) 2-Methylnaphthalene	12.151	142	31828	3.333	ng		99
16) Acenaphthylene	14.056	152	40462	3.397	ng		99
17) Acenaphthene	14.398	154	27751	3.359	ng		97
18) Fluorene	15.392	166	34437	3.413	ng		98
20) 4,6-Dinitro-2-methylph...	15.457	198	2854	3.597	ng	#	69
21) 4-Bromophenyl-phenylether	16.280	248	10026	3.416	ng		98
22) Hexachlorobenzene	16.391	284	13527	3.322	ng		100
23) Atrazine	16.553	200	6673	3.354	ng		96
24) Pentachlorophenol	16.726	266	6257	3.343	ng		99
25) Phenanthrene	17.124	178	46882	3.394	ng		100
26) Anthracene	17.211	178	43217	3.546	ng		100
28) Fluoranthene	19.141	202	54437	3.556	ng		100
30) Pyrene	19.503	202	52993	3.150	ng		100
32) Benzo(a)anthracene	21.250	228	49277	3.274	ng		99
33) Chrysene	21.304	228	52429	3.263	ng		98
34) Bis(2-ethylhexyl)phtha...	21.196	149	16379	3.170	ng		99
36) Indeno(1,2,3-cd)pyrene	25.753	276	66907	3.603	ng		100
37) Benzo(b)fluoranthene	22.826	252	54250	3.417	ng	#	93
38) Benzo(k)fluoranthene	22.870	252	56968	3.425	ng	#	93
39) Benzo(a)pyrene	23.402	252	45197	3.437	ng	#	88
40) Dibenzo(a,h)anthracene	25.768	278	53381	3.687	ng		95
41) Benzo(g,h,i)perylene	26.437	276	55177	3.533	ng		97

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

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