Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081225\
Data File : BN037583.D
Acq On : 12 Aug 2025 19:29
Operator : RC/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Aug 13 04:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 04:46:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	2075	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	5019	0.400	ng		0.00
13) Acenaphthene-d10	14.345	164	2699	0.400	ng		0.00
19) Phenanthrene-d10	17.087	188	5200	0.400	ng		0.00
29) Chrysene-d12	21.268	240	5116	0.400	ng	#	0.00
35) Perylene-d12	23.508	264	4411	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	15044	3.198	ng		0.00
5) Phenol-d6	6.879	99	18546	3.276	ng		0.00
8) Nitrobenzene-d5	8.854	82	12097	3.422	ng		0.00
11) 2-Methylnaphthalene-d10	12.091	152	23211	3.402	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	4382	3.710	ng		0.00
15) 2-Fluorobiphenyl	12.973	172	51634	3.308	ng		0.00
27) Fluoranthene-d10	19.118	212	46178	3.376	ng		0.00
31) Terphenyl-d14	19.722	244	34892	3.315	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	6233	3.140	ng		98
3) n-Nitrosodimethylamine	3.536	42	8352	3.292	ng		97
6) bis(2-Chloroethyl)ether	7.139	93	16734	3.280	ng		98
9) Naphthalene	10.552	128	43991	3.292	ng		97
10) Hexachlorobutadiene	10.851	225	10602	3.248	ng	#	99
12) 2-Methylnaphthalene	12.167	142	29337	3.501	ng		98
16) Acenaphthylene	14.067	152	40122	3.316	ng		99
17) Acenaphthene	14.409	154	27774	3.375	ng		94
18) Fluorene	15.393	166	36565	3.396	ng		100
20) 4,6-Dinitro-2-methylph...	15.467	198	2906	3.257	ng	#	49
21) 4-Bromophenyl-phenylether	16.292	248	11254	3.444	ng	#	92
22) Hexachlorobenzene	16.404	284	14747	3.183	ng		100
23) Atrazine	16.553	200	7330	3.967	ng		94
24) Pentachlorophenol	16.739	266	6325	3.887	ng		97
25) Phenanthrene	17.124	178	52784	3.339	ng		100
26) Anthracene	17.223	178	49333	3.525	ng		100
28) Fluoranthene	19.150	202	63765	3.511	ng		100
30) Pyrene	19.513	202	62227	3.254	ng		100
32) Benzo(a)anthracene	21.259	228	59663	3.491	ng		98
33) Chrysene	21.304	228	60925	3.199	ng		99
34) Bis(2-ethylhexyl)phtha...	21.205	149	24265	3.440	ng		99
36) Indeno(1,2,3-cd)pyrene	25.768	276	66459	3.576	ng		99
37) Benzo(b)fluoranthene	22.835	252	59086	3.535	ng	#	92
38) Benzo(k)fluoranthene	22.879	252	63422	3.363	ng	#	90
39) Benzo(a)pyrene	23.411	252	48767	3.518	ng	#	87
40) Dibenzo(a,h)anthracene	25.782	278	53486	3.709	ng		92
41) Benzo(g,h,i)perylene	26.455	276	54068	3.558	ng		95

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

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