Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021025\
Data File : BN036414.D
Acq On : 10 Feb 2025 15:24
Operator : RC/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Feb 11 00:37:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 00:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.753	152	2264	0.400	ng		0.00
7) Naphthalene-d8	10.541	136	5888	0.400	ng	#	0.00
13) Acenaphthene-d10	14.388	164	3870	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	8443	0.400	ng		0.00
29) Chrysene-d12	21.322	240	8450	0.400	ng	#	0.00
35) Perylene-d12	23.592	264	8327	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	18096	3.140	ng		0.00
5) Phenol-d6	6.930	99	22949	3.414	ng		0.00
8) Nitrobenzene-d5	8.897	82	19636	3.579	ng		-0.01
11) 2-Methylnaphthalene-d10	12.131	152	31489	3.909	ng		-0.01
14) 2,4,6-Tribromophenol	15.883	330	7004	2.937	ng		0.00
15) 2-Fluorobiphenyl	13.009	172	53807	3.260	ng		-0.01
27) Fluoranthene-d10	19.169	212	84968	3.911	ng		0.00
31) Terphenyl-d14	19.768	244	61695	3.526	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	7842	3.133	ng		97
3) n-Nitrosodimethylamine	3.572	42	13931	3.098	ng	#	98
6) bis(2-Chloroethyl)ether	7.176	93	22184	3.968	ng		99
9) Naphthalene	10.594	128	55857	3.321	ng		97
10) Hexachlorobutadiene	10.883	225	13261	2.516	ng	#	100
12) 2-Methylnaphthalene	12.207	142	38458	3.640	ng		98
16) Acenaphthylene	14.110	152	60797	3.395	ng		100
17) Acenaphthene	14.452	154	39414	3.214	ng		98
18) Fluorene	15.435	166	56634	3.589	ng		100
20) 4,6-Dinitro-2-methylph...	15.510	198	7256	3.841	ng	#	74
21) 4-Bromophenyl-phenylether	16.329	248	17824	3.081	ng	#	86
22) Hexachlorobenzene	16.441	284	21378	2.832	ng		97
23) Atrazine	16.602	200	15456	3.634	ng		92
24) Pentachlorophenol	16.789	266	11492	3.481	ng		100
25) Phenanthrene	17.173	178	85950	3.473	ng		99
26) Anthracene	17.260	178	78802	3.504	ng		99
28) Fluoranthene	19.197	202	108527	3.700	ng		99
30) Pyrene	19.559	202	110153	3.262	ng		100
32) Benzo(a)anthracene	21.304	228	99445	3.312	ng		99
33) Chrysene	21.358	228	103234	3.354	ng		97
34) Bis(2-ethylhexyl)phtha...	21.241	149	58234	3.480	ng		99
36) Indeno(1,2,3-cd)pyrene	25.890	276	108596	3.320	ng		97
37) Benzo(b)fluoranthene	22.905	252	101833	3.445	ng	#	88
38) Benzo(k)fluoranthene	22.952	252	102040	3.385	ng	#	88
39) Benzo(a)pyrene	23.490	252	87191	3.437	ng	#	84
40) Dibenzo(a,h)anthracene	25.905	278	86887	3.343	ng	#	90
41) Benzo(g,h,i)perylene	26.592	276	93260	3.269	ng		97

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

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