Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021025\
Data File : BN036415.D
Acq On : 10 Feb 2025 16:00
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Feb 11 00:37:30 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	2586	0.400	ng		0.00
7) Naphthalene-d8	10.541	136	6761	0.400	ng	#	0.00
13) Acenaphthene-d10	14.388	164	4542	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	9953	0.400	ng	#	0.00
29) Chrysene-d12	21.322	240	9960	0.400	ng	#	0.00
35) Perylene-d12	23.592	264	9411	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	28619	4.348	ng		0.00
5) Phenol-d6	6.930	99	37616	4.898	ng		0.00
8) Nitrobenzene-d5	8.897	82	32241	5.118	ng		-0.01
11) 2-Methylnaphthalene-d10	12.131	152	52187	5.642	ng		-0.01
14) 2,4,6-Tribromophenol	15.883	330	12444	4.447	ng		0.00
15) 2-Fluorobiphenyl	13.009	172	88478	4.567	ng		-0.01
27) Fluoranthene-d10	19.164	212	143795	5.615	ng		0.00
31) Terphenyl-d14	19.764	244	104936	5.088	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	12303	4.303	ng		97
3) n-Nitrosodimethylamine	3.572	42	21660	4.216	ng	#	99
6) bis(2-Chloroethyl)ether	7.176	93	35791	5.604	ng		99
9) Naphthalene	10.584	128	90689	4.696	ng		97
10) Hexachlorobutadiene	10.883	225	21383	3.534	ng	#	100
12) 2-Methylnaphthalene	12.207	142	63405	5.226	ng		97
16) Acenaphthylene	14.110	152	103358	4.917	ng		99
17) Acenaphthene	14.452	154	66375	4.612	ng		97
18) Fluorene	15.435	166	93442	5.045	ng		96
21) 4-Bromophenyl-phenylether	16.329	248	29550	4.334	ng	#	86
22) Hexachlorobenzene	16.441	284	35446	3.983	ng		97
23) Atrazine	16.602	200	26508	5.288	ng		92
24) Pentachlorophenol	16.789	266	20784	5.340	ng		99
25) Phenanthrene	17.173	178	143424	4.916	ng		100
26) Anthracene	17.260	178	135332	5.105	ng		100
28) Fluoranthene	19.197	202	181794	5.257	ng		99
30) Pyrene	19.559	202	185711	4.666	ng		100
32) Benzo(a)anthracene	21.304	228	169514	4.790	ng		99
33) Chrysene	21.358	228	170028	4.687	ng		97
34) Bis(2-ethylhexyl)phtha...	21.241	149	101929	5.168	ng		99
36) Indeno(1,2,3-cd)pyrene	25.890	276	172989	4.679	ng		97
37) Benzo(b)fluoranthene	22.905	252	166596	4.986	ng	#	88
38) Benzo(k)fluoranthene	22.952	252	166186	4.879	ng	#	88
39) Benzo(a)pyrene	23.490	252	141837	4.947	ng	#	83
40) Dibenzo(a,h)anthracene	25.905	278	138330	4.709	ng	#	89
41) Benzo(g,h,i)perylene	26.595	276	146932	4.557	ng		96

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

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