Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
Data File : BN036878.D
Acq On : 11 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Apr 11 15:36:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 11 15:32:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	606	0.400	ng		0.00
7) Naphthalene-d8	10.426	136	1555	0.400	ng		0.00
13) Acenaphthene-d10	14.288	164	909	0.400	ng		0.00
19) Phenanthrene-d10	17.033	188	1989	0.400	ng	#	0.00
29) Chrysene-d12	21.233	240	2148	0.400	ng	#	0.00
35) Perylene-d12	23.450	264	2540	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.228	112	4754	3.304	ng		0.00
5) Phenol-d6	6.809	99	6125	3.343	ng		0.00
8) Nitrobenzene-d5	8.781	82	5458	3.123	ng		-0.01
11) 2-Methylnaphthalene-d10	12.016	152	7659	3.377	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	1472	3.352	ng		0.00
15) 2-Fluorobiphenyl	12.909	172	15146	3.443	ng		0.00
27) Fluoranthene-d10	19.073	212	19501	3.491	ng		0.00
31) Terphenyl-d14	19.676	244	13773	3.353	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.155	88	2284	3.186	ng		94
3) n-Nitrosodimethylamine	3.465	42	5130	3.250	ng	#	97
6) bis(2-Chloroethyl)ether	7.069	93	5771	3.187	ng		93
9) Naphthalene	10.468	128	14629	3.237	ng	#	89
10) Hexachlorobutadiene	10.767	225	3248	3.148	ng	#	100
12) 2-Methylnaphthalene	12.092	142	9748	3.372	ng		96
16) Acenaphthylene	13.999	152	14508	3.436	ng		99
17) Acenaphthene	14.352	154	9568	3.477	ng		94
18) Fluorene	15.336	166	12941	3.408	ng		96
20) 4,6-Dinitro-2-methylph...	15.421	198	1852	3.983	ng	#	44
21) 4-Bromophenyl-phenylether	16.239	248	4104	3.424	ng	#	86
22) Hexachlorobenzene	16.351	284	4579	3.209	ng		96
23) Atrazine	16.512	200	3900	3.310	ng	#	86
24) Pentachlorophenol	16.686	266	2539	3.437	ng		95
25) Phenanthrene	17.071	178	20685	3.461	ng		98
26) Anthracene	17.170	178	18814	3.552	ng		98
28) Fluoranthene	19.100	202	26690	3.581	ng		100
30) Pyrene	19.463	202	27182	3.326	ng		99
32) Benzo(a)anthracene	21.215	228	26678	3.527	ng		95
33) Chrysene	21.269	228	28202	3.357	ng		96
34) Bis(2-ethylhexyl)phtha...	21.162	149	17563	3.069	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.678	276	42649	3.521	ng		96
37) Benzo(b)fluoranthene	22.784	252	31952	3.561	ng	#	80
38) Benzo(k)fluoranthene	22.828	252	31392	3.477	ng	#	81
39) Benzo(a)pyrene	23.354	252	28001	3.562	ng	#	73
40) Dibenzo(a,h)anthracene	25.693	278	34145	3.561	ng	#	89
41) Benzo(g,h,i)perylene	26.359	276	37283	3.415	ng		95

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

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