Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
Data File : BN036877.D
Acq On : 11 Apr 2025 14:30
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Apr 11 15:36:28 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	450	0.400	ng		0.00
7) Naphthalene-d8	10.426	136	1197	0.400	ng		0.00
13) Acenaphthene-d10	14.288	164	725	0.400	ng		0.00
19) Phenanthrene-d10	17.034	188	1602	0.400	ng		0.00
29) Chrysene-d12	21.233	240	1632	0.400	ng		0.00
35) Perylene-d12	23.453	264	2020	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.228	112	1605	1.502	ng		0.00
5) Phenol-d6	6.817	99	2065	1.518	ng		0.00
8) Nitrobenzene-d5	8.792	82	1892	1.407	ng		0.00
11) 2-Methylnaphthalene-d10	12.021	152	2739	1.569	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	536	1.531	ng		0.00
15) 2-Fluorobiphenyl	12.909	172	5500	1.568	ng		0.00
27) Fluoranthene-d10	19.073	212	6992	1.554	ng		0.00
31) Terphenyl-d14	19.677	244	4823	1.545	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.155	88	819	1.539	ng		91
3) n-Nitrosodimethylamine	3.466	42	1839	1.569	ng	#	99
6) bis(2-Chloroethyl)ether	7.069	93	2024	1.505	ng		93
9) Naphthalene	10.468	128	5133	1.476	ng	#	91
10) Hexachlorobutadiene	10.767	225	1147	1.444	ng	#	100
12) 2-Methylnaphthalene	12.092	142	3403	1.529	ng		97
16) Acenaphthylene	13.999	152	5075	1.507	ng		100
17) Acenaphthene	14.352	154	3340	1.522	ng		96
18) Fluorene	15.336	166	4621	1.526	ng		97
20) 4,6-Dinitro-2-methylph...	15.421	198	589	1.573	ng	#	68
21) 4-Bromophenyl-phenylether	16.239	248	1476	1.529	ng	#	90
22) Hexachlorobenzene	16.351	284	1673	1.456	ng		97
23) Atrazine	16.512	200	1431	1.508	ng	#	92
24) Pentachlorophenol	16.686	266	857	1.440	ng		95
25) Phenanthrene	17.071	178	7364	1.530	ng		97
26) Anthracene	17.170	178	6636	1.555	ng		98
28) Fluoranthene	19.105	202	9374	1.562	ng		99
30) Pyrene	19.468	202	9592	1.545	ng		99
32) Benzo(a)anthracene	21.216	228	9153	1.593	ng		95
33) Chrysene	21.269	228	10135	1.588	ng		97
34) Bis(2-ethylhexyl)phtha...	21.162	149	6463	1.486	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.681	276	15556	1.615	ng		97
37) Benzo(b)fluoranthene	22.787	252	11121	1.559	ng	#	83
38) Benzo(k)fluoranthene	22.831	252	11185	1.558	ng	#	85
39) Benzo(a)pyrene	23.357	252	9906	1.585	ng	#	78
40) Dibenzo(a,h)anthracene	25.693	278	12606	1.653	ng	#	89
41) Benzo(g,h,i)perylene	26.362	276	13927	1.604	ng		97

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

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