Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110724\
Data File : BN034891.D
Acq On : 07 Nov 2024 13:49
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 07 14:42:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 14:34:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	6427	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	19461	0.400	ng		0.00
13) Acenaphthene-d10	14.208	164	9747	0.400	ng		0.00
19) Phenanthrene-d10	16.952	188	20311	0.400	ng	#	0.00
29) Chrysene-d12	21.149	240	15131	0.400	ng		0.00
35) Perylene-d12	23.315	264	13025	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	89979	5.023	ng		0.00
5) Phenol-d6	6.752	99	125057	5.259	ng		0.00
8) Nitrobenzene-d5	8.707	82	78775	5.193	ng		0.00
11) 2-Methylnaphthalene-d10	11.935	152	139970	5.277	ng		0.00
14) 2,4,6-Tribromophenol	15.698	330	20351	5.010	ng		0.00
15) 2-Fluorobiphenyl	12.829	172	200084	4.860	ng		0.00
27) Fluoranthene-d10	18.990	212	246903	5.391	ng		0.00
31) Terphenyl-d14	19.598	244	136572	4.818	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.184	88	35433	4.363	ng		99
3) n-Nitrosodimethylamine	3.473	42	50806	4.637	ng	#	97
6) bis(2-Chloroethyl)ether	7.012	93	98796	4.816	ng		99
9) Naphthalene	10.383	128	270344	5.006	ng		99
10) Hexachlorobutadiene	10.682	225	41206	4.787	ng	#	98
12) 2-Methylnaphthalene	12.011	142	174529	5.280	ng		99
16) Acenaphthylene	13.919	152	255528	5.435	ng		100
17) Acenaphthene	14.272	154	170892	5.252	ng		93
18) Fluorene	15.255	166	210362	5.193	ng		98
20) 4,6-Dinitro-2-methylph...	15.341	198	15635	5.005	ng	#	20
21) 4-Bromophenyl-phenylether	16.157	248	56439	5.213	ng	#	86
22) Hexachlorobenzene	16.269	284	63070	4.839	ng		97
23) Atrazine	16.431	200	45719	5.829	ng	#	91
24) Pentachlorophenol	16.604	266	27136	5.004	ng		98
25) Phenanthrene	16.989	178	310025	4.976	ng		100
26) Anthracene	17.088	178	293574	5.466	ng		100
28) Fluoranthene	19.017	202	353254	5.388	ng		99
30) Pyrene	19.380	202	362438	4.731	ng		100
32) Benzo(a)anthracene	21.131	228	306722	5.200	ng		99
33) Chrysene	21.185	228	302895	4.852	ng		98
34) Bis(2-ethylhexyl)phtha...	21.095	149	198170	5.853	ng		97
36) Indeno(1,2,3-cd)pyrene	25.473	276	290582	5.008	ng		96
37) Benzo(b)fluoranthene	22.672	252	290476	5.071	ng	#	88
38) Benzo(k)fluoranthene	22.716	252	298841	5.006	ng	#	86
39) Benzo(a)pyrene	23.222	252	242944	5.345	ng	#	80
40) Dibenzo(a,h)anthracene	25.491	278	225693	5.027	ng		92
41) Benzo(g,h,i)perylene	26.131	276	235238	4.936	ng		94

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

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