Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041224\
Data File : BN030862.D
Acq On : 12 Apr 2024 14:45
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Apr 12 15:50:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 15:48:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	5579	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	16218	0.400	ng		0.00
13) Acenaphthene-d10	14.306	164	9118	0.400	ng		0.00
19) Phenanthrene-d10	17.053	188	20040	0.400	ng		#-0.01
29) Chrysene-d12	21.258	240	20725	0.400	ng		0.00
35) Perylene-d12	23.492	264	17486	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	42941	3.209	ng		0.00
5) Phenol-d6	6.844	99	54827	3.382	ng		0.00
8) Nitrobenzene-d5	8.820	82	39549	3.416	ng		0.00
11) 2-Methylnaphthalene-d10	12.043	152	81624	3.284	ng		0.00
14) 2,4,6-Tribromophenol	15.812	330	13026	3.528	ng		0.00
15) 2-Fluorobiphenyl	12.926	172	103859	3.214	ng		0.00
27) Fluoranthene-d10	19.098	212	186776	3.353	ng		0.00
31) Terphenyl-d14	19.702	244	146481	3.108	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	20101	2.982	ng		94
3) n-Nitrosodimethylamine	3.522	42	21536	3.325	ng	#	98
6) bis(2-Chloroethyl)ether	7.104	93	49756	3.288	ng		98
9) Naphthalene	10.496	128	145798	3.250	ng		99
10) Hexachlorobutadiene	10.784	225	28497	3.182	ng	#	100
12) 2-Methylnaphthalene	12.119	142	96686	3.295	ng		98
16) Acenaphthylene	14.028	152	141596	3.554	ng		100
17) Acenaphthene	14.370	154	93806	3.333	ng		98
18) Fluorene	15.364	166	124336	3.360	ng		99
20) 4,6-Dinitro-2-methylph...	15.439	198	10082	4.016	ng	#	88
21) 4-Bromophenyl-phenylether	16.258	248	39315	3.339	ng		99
22) Hexachlorobenzene	16.358	284	44937	3.268	ng		99
23) Atrazine	16.531	200	30210	3.440	ng		98
24) Pentachlorophenol	16.705	266	18786	4.046	ng		99
25) Phenanthrene	17.102	178	195596	3.335	ng		100
26) Anthracene	17.189	178	172264	3.514	ng		100
28) Fluoranthene	19.131	202	243812	3.359	ng		100
30) Pyrene	19.493	202	248852	3.194	ng		100
32) Benzo(a)anthracene	21.240	228	238596	3.321	ng		98
33) Chrysene	21.294	228	245949	3.195	ng		99
34) Bis(2-ethylhexyl)phtha...	21.178	149	105361	3.361	ng		99
36) Indeno(1,2,3-cd)pyrene	25.740	276	247189	3.614	ng		99
37) Benzo(b)fluoranthene	22.820	252	247814	3.201	ng	#	93
38) Benzo(k)fluoranthene	22.864	252	239500	3.280	ng	#	95
39) Benzo(a)pyrene	23.393	252	204903	3.437	ng	#	89
40) Dibenzo(a,h)anthracene	25.752	278	198534	3.655	ng		96
41) Benzo(g,h,i)perylene	26.425	276	208336	3.541	ng		97

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

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