Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025611.D
Acq On : 26 May 2023 16:29
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN052623

Quant Time: May 27 03:53:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 27 03:51:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.026	152	5882	0.400	ng		0.00
7) Naphthalene-d8	10.846	136	16861	0.400	ng		0.00
13) Acenaphthene-d10	14.662	164	9595	0.400	ng		0.01
19) Phenanthrene-d10	17.393	188	20427	0.400	ng		0.00
29) Chrysene-d12	21.578	240	13870	0.400	ng		0.00
35) Perylene-d12	24.072	264	11957	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.564	112	5972	0.396	ng		0.00
5) Phenol-d6	7.174	99	7157	0.396	ng		0.00
8) Nitrobenzene-d5	9.191	82	5297	0.375	ng		0.00
11) 2-Methylnaphthalene-d10	12.426	152	9566	0.398	ng		0.00
14) 2,4,6-Tribromophenol	16.164	330	603	0.311	ng		0.01
15) 2-Fluorobiphenyl	13.293	172	16012	0.404	ng		0.01
27) Fluoranthene-d10	19.425	212	18741	0.405	ng		0.00
31) Terphenyl-d14	20.015	244	12360	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	2885	0.424	ng		97
3) n-Nitrosodimethylamine	3.744	42	2479	0.338	ng	#	81
6) bis(2-Chloroethyl)ether	7.441	93	8114	0.436	ng		96
9) Naphthalene	10.889	128	18469	0.400	ng		99
10) Hexachlorobutadiene	11.177	225	3239	0.405	ng	#	96
12) 2-Methylnaphthalene	12.498	142	12502	0.394	ng		99
16) Acenaphthylene	14.384	152	17932	0.396	ng		99
17) Acenaphthene	14.715	154	12101	0.406	ng		99
18) Fluorene	15.693	166	16211	0.411	ng		99
20) 4,6-Dinitro-2-methylph...	15.804	198	673	0.357	ng		84
21) 4-Bromophenyl-phenylether	16.586	248	4665	0.402	ng		96
22) Hexachlorobenzene	16.710	284	4377	0.413	ng		99
23) Atrazine	16.859	200	3647	0.394	ng	#	90
24) Pentachlorophenol	17.120	266	13	0.375	ng	#	12
25) Phenanthrene	17.443	178	25300	0.407	ng		99
26) Anthracene	17.530	178	21985	0.391	ng		100
28) Fluoranthene	19.453	202	27311	0.403	ng		100
30) Pyrene	19.816	202	27711	0.410	ng		99
32) Benzo(a)anthracene	21.560	228	21021	0.407	ng		99
33) Chrysene	21.614	228	22521	0.402	ng		99
34) Bis(2-ethylhexyl)phtha...	21.480	149	12553	0.399	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.674	276	17464	0.381	ng	#	63
37) Benzo(b)fluoranthene	23.306	252	18992	0.417	ng		96
38) Benzo(k)fluoranthene	23.358	252	19099	0.403	ng		97
39) Benzo(a)pyrene	23.961	252	17892	0.411	ng		95
40) Dibenzo(a,h)anthracene	26.697	278	13889	0.383	ng		99
41) Benzo(g,h,i)perylene	27.478	276	16021	0.387	ng		97

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

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