Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
Data File : BN025743.D
Acq On : 31 May 2023 16:56
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN053123

Quant Time: Jun 01 01:06:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 01:04:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	7095	0.400	ng	0.00
7) Naphthalene-d8	10.824	136	20017	0.400	ng	0.00
13) Acenaphthene-d10	14.640	164	11296	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	22218	0.400	ng	# 0.01
29) Chrysene-d12	21.569	240	10651	0.400	ng	0.00
35) Perylene-d12	24.042	264	9003	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.549	112	8305	0.416	ng	0.00
5) Phenol-d6	7.160	99	10011	0.409	ng	0.00
8) Nitrobenzene-d5	9.180	82	7448	0.400	ng	0.01
11) 2-Methylnaphthalene-d10	12.411	152	12316	0.427	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	1231	0.353	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	20092	0.421	ng	0.00
27) Fluoranthene-d10	19.416	212	18733	0.410	ng	0.00
31) Terphenyl-d14	20.006	244	11210	0.434	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	3808	0.457	ng	96
3) n-Nitrosodimethylamine	3.729	42	4167	0.392	ng	# 99
6) bis(2-Chloroethyl)ether	7.427	93	9509	0.428	ng	99
9) Naphthalene	10.878	128	24724	0.413	ng	100
10) Hexachlorobutadiene	11.166	225	4039	0.439	ng	# 100
12) 2-Methylnaphthalene	12.483	142	16355	0.430	ng	100
16) Acenaphthylene	14.363	152	22024	0.405	ng	100
17) Acenaphthene	14.705	154	14953	0.419	ng	100
18) Fluorene	15.680	166	19457	0.424	ng	99
20) 4,6-Dinitro-2-methylph...	15.779	198	1453	0.362	ng	96
21) 4-Bromophenyl-phenylether	16.574	248	5529	0.430	ng	90
22) Hexachlorobenzene	16.698	284	4824	0.438	ng	100
23) Atrazine	16.835	200	4181	0.399	ng	97
24) Pentachlorophenol	17.058	266	1237	0.301	ng	98
25) Phenanthrene	17.430	178	29269	0.429	ng	99
26) Anthracene	17.517	178	25936	0.415	ng	100
28) Fluoranthene	19.444	202	27765	0.412	ng	100
30) Pyrene	19.806	202	27477	0.455	ng	99
32) Benzo(a)anthracene	21.551	228	16528	0.402	ng	100
33) Chrysene	21.605	228	19198	0.441	ng	98
34) Bis(2-ethylhexyl)phtha...	21.462	149	9491	0.388	ng	99
36) Indeno(1,2,3-cd)pyrene	26.624	276	16663	0.428	ng	99
37) Benzo(b)fluoranthene	23.282	252	14649	0.413	ng	96
38) Benzo(k)fluoranthene	23.332	252	15075	0.416	ng	96
39) Benzo(a)pyrene	23.931	252	14310	0.425	ng	97
40) Dibenzo(a,h)anthracene	26.650	278	13378	0.428	ng	98
41) Benzo(g,h,i)perylene	27.416	276	15405	0.441	ng	99

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

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