Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110123\
Data File : BN028405.D
Acq On : 01 Nov 2023 18:10
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Nov 02 06:21:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:20:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.726	152	9923	0.400	ng	0.00
7) Naphthalene-d8	10.511	136	30176	0.400	ng	0.00
13) Acenaphthene-d10	14.362	164	18099	0.400	ng	0.00
19) Phenanthrene-d10	17.120	188	42497	0.400	ng	0.00
29) Chrysene-d12	21.327	240	37420	0.400	ng	0.00
35) Perylene-d12	23.645	264	38232	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	3162	0.122	ng	0.00
5) Phenol-d6	6.889	99	4122	0.126	ng	0.00
8) Nitrobenzene-d5	8.877	82	2163	0.111	ng	0.00
11) 2-Methylnaphthalene-d10	12.113	152	4393	0.102	ng	0.00
14) 2,4,6-Tribromophenol	15.854	330	772	0.109	ng	0.00
15) 2-Fluorobiphenyl	13.005	172	2555	0.119	ng	0.00
27) Fluoranthene-d10	19.156	212	10792	0.103	ng	0.00
31) Terphenyl-d14	19.769	244	8929	0.113	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	1345	0.122	ng	# 90
3) n-Nitrosodimethylamine	3.523	42	1235	0.101	ng	# 91
6) bis(2-Chloroethyl)ether	7.156	93	3178	0.112	ng	96
9) Naphthalene	10.564	128	8469	0.104	ng	97
10) Hexachlorobutadiene	10.863	225	1463	0.108	ng	# 100
12) 2-Methylnaphthalene	12.184	142	5864	0.103	ng	98
16) Acenaphthylene	14.084	152	9602	0.107	ng	98
17) Acenaphthene	14.427	154	5705	0.101	ng	98
18) Fluorene	15.421	166	7937	0.103	ng	99
20) 4,6-Dinitro-2-methylph...	15.496	198	286	0.090	ng	# 1
21) 4-Bromophenyl-phenylether	16.313	248	2184	0.093	ng	95
22) Hexachlorobenzene	16.425	284	2529	0.102	ng	93
23) Atrazine	16.586	200	2138	0.108	ng	94
25) Phenanthrene	17.157	178	12793	0.102	ng	98
26) Anthracene	17.244	178	13011	0.109	ng	100
28) Fluoranthene	19.188	202	16313	0.111	ng	99
30) Pyrene	19.551	202	17154	0.110	ng	99
32) Benzo(a)anthracene	21.309	228	20035	0.135	ng	98
33) Chrysene	21.363	228	19356	0.131	ng	99
36) Indeno(1,2,3-cd)pyrene	26.025	276	22828	0.199	ng	98
37) Benzo(b)fluoranthene	22.946	252	23432	0.224	ng	98
38) Benzo(k)fluoranthene	22.990	252	20820	0.139	ng	96
39) Benzo(a)pyrene	23.539	252	17451	0.134	ng	95
40) Dibenzo(a,h)anthracene	26.051	278	16343	0.134	ng	95
41) Benzo(g,h,i)perylene	26.747	276	18489	0.141	ng	97

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

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