Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061923\
Data File : BN025898.D
Acq On : 19 Jun 2023 13:37
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 19 14:24:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 14:10:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	5587	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	14452	0.400	ng	0.00
13) Acenaphthene-d10	14.630	164	7641	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	15583	0.400	ng	# 0.00
29) Chrysene-d12	21.560	240	11311	0.400	ng	0.00
35) Perylene-d12	24.037	264	11411	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.549	112	5511	0.351	ng	0.00
5) Phenol-d6	7.160	99	6304	0.327	ng	0.00
8) Nitrobenzene-d5	9.170	82	4744	0.353	ng	0.00
11) 2-Methylnaphthalene-d10	12.400	152	8076	0.388	ng	0.00
14) 2,4,6-Tribromophenol	16.127	330	792	0.336	ng	0.00
15) 2-Fluorobiphenyl	13.261	172	12531	0.388	ng	0.00
27) Fluoranthene-d10	19.407	212	14768	0.461	ng	0.00
31) Terphenyl-d14	19.997	244	9420	0.343	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	2700	0.412	ng	# 93
3) n-Nitrosodimethylamine	3.744	42	2139	0.256	ng	# 99
6) bis(2-Chloroethyl)ether	7.420	93	6302	0.360	ng	94
9) Naphthalene	10.857	128	16478	0.381	ng	99
10) Hexachlorobutadiene	11.145	225	3122	0.470	ng	# 99
12) 2-Methylnaphthalene	12.472	142	10616	0.386	ng	99
16) Acenaphthylene	14.352	152	14214	0.386	ng	100
17) Acenaphthene	14.694	154	9594	0.398	ng	100
18) Fluorene	15.680	166	12569	0.405	ng	99
20) 4,6-Dinitro-2-methylph...	15.780	198	511	0.181	ng	# 1
21) 4-Bromophenyl-phenylether	16.562	248	3690m	0.409	ng	
22) Hexachlorobenzene	16.686	284	3571	0.462	ng	91
23) Atrazine	16.835	200	2886	0.392	ng	97
24) Pentachlorophenol	17.046	266	677	0.235	ng	95
25) Phenanthrene	17.418	178	19532	0.408	ng	99
26) Anthracene	17.517	178	17049	0.389	ng	99
28) Fluoranthene	19.435	202	21857	0.463	ng	99
30) Pyrene	19.797	202	22443	0.350	ng	100
32) Benzo(a)anthracene	21.542	228	18093	0.414	ng	99
33) Chrysene	21.596	228	18964	0.410	ng	99
34) Bis(2-ethylhexyl)phtha...	21.453	149	11069	0.426	ng	98
36) Indeno(1,2,3-cd)pyrene	26.618	276	20671	0.419	ng	98
37) Benzo(b)fluoranthene	23.279	252	17885	0.397	ng	99
38) Benzo(k)fluoranthene	23.326	252	18348	0.399	ng	100
39) Benzo(a)pyrene	23.923	252	17147	0.402	ng	99
40) Dibenzo(a,h)anthracene	26.645	278	16380	0.413	ng	98
41) Benzo(g,h,i)perylene	27.399	276	19218	0.434	ng	98

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

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