Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN029006.D
Acq On : 03 Dec 2023 05:36
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 03 08:19:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.782	152	2191	0.400	ng		-0.01
7) Naphthalene-d8	10.562	136	6380	0.400	ng		-0.02
13) Acenaphthene-d10	14.407	164	4088	0.400	ng		-0.01
19) Phenanthrene-d10	17.159	188	8745	0.400	ng		#-0.01
29) Chrysene-d12	21.347	240	6789	0.400	ng		#-0.03
35) Perylene-d12	23.669	264	6191	0.400	ng		#-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	2743	0.413	ng		-0.01
5) Phenol-d6	6.988	99	3358	0.456	ng		-0.02
8) Nitrobenzene-d5	8.950	82	2765	0.436	ng		-0.02
11) 2-Methylnaphthalene-d10	12.155	152	4500	0.440	ng		-0.02
14) 2,4,6-Tribromophenol	15.905	330	1022	0.370	ng		-0.01
15) 2-Fluorobiphenyl	13.038	172	7079	0.401	ng		-0.01
27) Fluoranthene-d10	19.190	212	10215	0.444	ng		-0.02
31) Terphenyl-d14	19.799	244	8402	0.422	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	734	0.342	ng		92
3) n-Nitrosodimethylamine	3.716	42	1221m	0.454	ng		
6) bis(2-Chloroethyl)ether	7.233	93	2444	0.395	ng		100
9) Naphthalene	10.616	128	8372	0.413	ng		98
10) Hexachlorobutadiene	10.882	225	1696	0.410	ng	#	98
12) 2-Methylnaphthalene	12.227	142	5571	0.437	ng		97
16) Acenaphthylene	14.129	152	8584	0.396	ng		99
17) Acenaphthene	14.471	154	5606	0.390	ng		98
18) Fluorene	15.454	166	7747	0.426	ng		98
20) 4,6-Dinitro-2-methylph...	15.545	198	672	0.350	ng	#	91
21) 4-Bromophenyl-phenylether	16.352	248	2392	0.398	ng	#	84
22) Hexachlorobenzene	16.451	284	2884	0.390	ng	#	91
23) Atrazine	16.637	200	2120	0.402	ng		98
24) Pentachlorophenol	16.811	266	1161	0.338	ng		97
25) Phenanthrene	17.196	178	11363	0.394	ng		97
26) Anthracene	17.283	178	10390	0.389	ng		100
28) Fluoranthene	19.218	202	13452	0.448	ng		99
30) Pyrene	19.585	202	13684	0.358	ng		99
32) Benzo(a)anthracene	21.338	228	11129	0.386	ng		93
33) Chrysene	21.392	228	11029	0.389	ng		93
34) Bis(2-ethylhexyl)phtha...	21.284	149	8065	0.060	ng	#	86
36) Indeno(1,2,3-cd)pyrene	26.052	276	10990	0.407	ng	#	94
37) Benzo(b)fluoranthene	22.968	252	10813	0.427	ng	#	30
38) Benzo(k)fluoranthene	23.015	252	10227	0.428	ng	#	29
39) Benzo(a)pyrene	23.567	252	8783	0.388	ng	#	24
40) Dibenzo(a,h)anthracene	26.073	278	8602	0.412	ng	#	27
41) Benzo(g,h,i)perylene	26.780	276	9520	0.405	ng	#	72

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

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