Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029077.D
Acq On : 07 Dec 2023 05:13
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 07 05:45:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1106	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2334	0.400	ng	-0.01
13) Acenaphthene-d10	14.396	164	1737	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	4329	0.400	ng	0.00
29) Chrysene-d12	21.347	240	2882	0.400	ng	0.00
35) Perylene-d12	23.664	264	2414	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	1026	0.410	ng	0.00
5) Phenol-d6	6.973	99	1212	0.405	ng	0.00
8) Nitrobenzene-d5	8.939	82	1026	0.364	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	1697	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	670	0.349	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	3499	0.389	ng	0.00
27) Fluoranthene-d10	19.181	212	4716	0.347	ng	0.00
31) Terphenyl-d14	19.789	244	2874	0.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	334	0.375	ng	# 88
3) n-Nitrosodimethylamine	3.709	42	206m	0.381	ng	
6) bis(2-Chloroethyl)ether	7.226	93	874	0.413	ng	98
9) Naphthalene	10.594	128	2762	0.379	ng	99
10) Hexachlorobutadiene	10.872	225	1166	0.363	ng	# 98
12) 2-Methylnaphthalene	12.216	142	2166	0.366	ng	97
16) Acenaphthylene	14.118	152	3758	0.393	ng	99
17) Acenaphthene	14.450	154	2463	0.411	ng	99
18) Fluorene	15.444	166	3619	0.378	ng	97
20) 4,6-Dinitro-2-methylph...	15.533	198	594	0.455	ng	96
21) 4-Bromophenyl-phenylether	16.340	248	1524	0.389	ng	# 80
22) Hexachlorobenzene	16.439	284	1781	0.400	ng	95
23) Atrazine	16.638	200	1173	0.340	ng	# 94
24) Pentachlorophenol	16.799	266	1094	0.449	ng	96
25) Phenanthrene	17.184	178	5546	0.384	ng	100
26) Anthracene	17.271	178	5211	0.373	ng	99
28) Fluoranthene	19.209	202	7208	0.363	ng	# 99
30) Pyrene	19.576	202	7348	0.411	ng	100
32) Benzo(a)anthracene	21.329	228	5704	0.390	ng	98
33) Chrysene	21.383	228	5712	0.397	ng	100
34) Bis(2-ethylhexyl)phtha...	21.275	149	4148	0.460	ng	100
36) Indeno(1,2,3-cd)pyrene	26.035	276	5342	0.434	ng	98
37) Benzo(b)fluoranthene	22.959	252	5768	0.445	ng	96
38) Benzo(k)fluoranthene	23.006	252	5036	0.414	ng	# 93
39) Benzo(a)pyrene	23.556	252	4652	0.434	ng	# 93
40) Dibenzo(a,h)anthracene	26.064	278	3920	0.413	ng	95
41) Benzo(g,h,i)perylene	26.763	276	4819	0.464	ng	# 95

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

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