Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029075.D
Acq On : 07 Dec 2023 03:25
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 07 03:55:29 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	1120	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	2275	0.400	ng	-0.01
13) Acenaphthene-d10	14.396	164	1633	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	3776	0.400	ng	0.00
29) Chrysene-d12	21.347	240	2240	0.400	ng	# 0.00
35) Perylene-d12	23.664	264	2091	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	1000	0.395	ng	0.00
5) Phenol-d6	6.973	99	1197	0.395	ng	0.00
8) Nitrobenzene-d5	8.939	82	940	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	1569	0.328	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	608	0.337	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	3234	0.383	ng	0.00
27) Fluoranthene-d10	19.181	212	3889	0.328	ng	0.00
31) Terphenyl-d14	19.789	244	2337	0.412	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	329	0.365	ng	# 92
3) n-Nitrosodimethylamine	3.701	42	196m	0.358	ng	
6) bis(2-Chloroethyl)ether	7.226	93	1283	0.599	ng	# 78
9) Naphthalene	10.605	128	2648	0.373	ng	99
10) Hexachlorobutadiene	10.872	225	1063	0.340	ng	# 100
12) 2-Methylnaphthalene	12.216	142	1989	0.345	ng	99
16) Acenaphthylene	14.118	152	3472	0.386	ng	99
17) Acenaphthene	14.460	154	2226	0.395	ng	98
18) Fluorene	15.444	166	3220	0.358	ng	97
20) 4,6-Dinitro-2-methylph...	15.545	198	537	0.471	ng	93
21) 4-Bromophenyl-phenylether	16.340	248	1360	0.398	ng	# 79
22) Hexachlorobenzene	16.439	284	1610	0.414	ng	93
23) Atrazine	16.650	200	1085	0.360	ng	93
24) Pentachlorophenol	16.799	266	905	0.426	ng	95
25) Phenanthrene	17.184	178	4819	0.382	ng	99
26) Anthracene	17.270	178	4525	0.371	ng	99
28) Fluoranthene	19.213	202	6087	0.351	ng	# 98
30) Pyrene	19.576	202	6102	0.439	ng	100
32) Benzo(a)anthracene	21.329	228	4390	0.386	ng	99
33) Chrysene	21.383	228	4415	0.395	ng	98
34) Bis(2-ethylhexyl)phtha...	21.275	149	3414	0.487	ng	97
36) Indeno(1,2,3-cd)pyrene	26.041	276	4415	0.414	ng	# 94
37) Benzo(b)fluoranthene	22.959	252	4410	0.393	ng	# 96
38) Benzo(k)fluoranthene	23.009	252	4028	0.383	ng	# 94
39) Benzo(a)pyrene	23.558	252	3618	0.389	ng	# 93
40) Dibenzo(a,h)anthracene	26.067	278	3306	0.402	ng	# 90
41) Benzo(g,h,i)perylene	26.763	276	4009	0.446	ng	# 94

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

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