Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029051.D
Acq On : 06 Dec 2023 11:54
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 06 12:26:42 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

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1045	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2241	0.400	ng	-0.01
13) Acenaphthene-d10	14.396	164	1845	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	4952	0.400	ng	0.00
29) Chrysene-d12	21.356	240	3642	0.400	ng	0.00
35) Perylene-d12	23.675	264	3440	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	871	0.368	ng	-0.01
5) Phenol-d6	6.973	99	1022	0.362	ng	0.00
8) Nitrobenzene-d5	8.939	82	907	0.335	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	1648	0.350	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	661	0.324	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	3456	0.362	ng	0.00
27) Fluoranthene-d10	19.185	212	5403	0.347	ng	0.00
31) Terphenyl-d14	19.794	244	3288	0.357	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	277	0.329	ng	# 85
3) n-Nitrosodimethylamine	3.716	42	221m	0.433	ng	
6) bis(2-Chloroethyl)ether	7.219	93	692	0.346	ng	97
9) Naphthalene	10.594	128	2457	0.351	ng	97
10) Hexachlorobutadiene	10.872	225	1044	0.339	ng	# 100
12) 2-Methylnaphthalene	12.216	142	1969	0.346	ng	98
16) Acenaphthylene	14.118	152	3593	0.354	ng	98
17) Acenaphthene	14.460	154	2268	0.356	ng	98
18) Fluorene	15.444	166	3657	0.360	ng	99
20) 4,6-Dinitro-2-methylph...	15.545	198	501	0.335	ng	99
21) 4-Bromophenyl-phenylether	16.352	248	1572	0.351	ng	96
22) Hexachlorobenzene	16.439	284	1811	0.355	ng	98
23) Atrazine	16.638	200	1305	0.330	ng	97
24) Pentachlorophenol	16.799	266	932	0.334	ng	98
25) Phenanthrene	17.184	178	5960	0.361	ng	99
26) Anthracene	17.283	178	5460	0.342	ng	98
28) Fluoranthene	19.213	202	7883	0.347	ng	99
30) Pyrene	19.580	202	8082	0.358	ng	99
32) Benzo(a)anthracene	21.338	228	6516	0.353	ng	99
33) Chrysene	21.392	228	6513	0.358	ng	99
34) Bis(2-ethylhexyl)phtha...	21.284	149	3766	0.331	ng	100
36) Indeno(1,2,3-cd)pyrene	26.047	276	6265	0.357	ng	99
37) Benzo(b)fluoranthene	22.971	252	6611	0.358	ng	95
38) Benzo(k)fluoranthene	23.018	252	6379	0.368	ng	95
39) Benzo(a)pyrene	23.570	252	5458	0.357	ng	93
40) Dibenzo(a,h)anthracene	26.076	278	4778	0.353	ng	93
41) Benzo(g,h,i)perylene	26.780	276	5331	0.360	ng	# 98

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

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