Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073124\
Data File : BN033118.D
Acq On : 30 Jul 2024 23:36
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 31 03:42:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 10:37:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	1035m	0.400	ng	0.03
7) Naphthalene-d8	10.362	136	4165	0.400	ng	# 0.03
13) Acenaphthene-d10	14.165	164	2815	0.400	ng	0.00
19) Phenanthrene-d10	16.952	188	6545	0.400	ng	0.00
29) Chrysene-d12	21.149	240	6678	0.400	ng	-0.01
35) Perylene-d12	23.336	264	7431	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.278	112	1142m	0.436	ng	0.04
5) Phenol-d6	6.997	99	1565m	0.482	ng	0.09
8) Nitrobenzene-d5	8.931	82	1188m	0.379	ng	0.07
11) 2-Methylnaphthalene-d10	11.965	152	2329	0.366	ng	0.02
14) 2,4,6-Tribromophenol	15.748	330	347	0.288	ng	0.00
15) 2-Fluorobiphenyl	12.839	172	3714	0.354	ng	0.02
27) Fluoranthene-d10	18.980	212	7044	0.416	ng	-0.01
31) Terphenyl-d14	19.584	244	4622	0.338	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.090	88	604	0.471	ng	# 89
3) n-Nitrosodimethylamine	3.480	42	476	0.439	ng	# 83
6) bis(2-Chloroethyl)ether	7.077	93	1573m	0.579	ng	
9) Naphthalene	10.404	128	4513	0.391	ng	# 89
10) Hexachlorobutadiene	10.565	225	814	0.369	ng	# 100
12) 2-Methylnaphthalene	12.045	142	2517	0.334	ng	# 93
16) Acenaphthylene	13.908	152	4496	0.393	ng	99
17) Acenaphthene	14.240	154	3202	0.395	ng	100
18) Fluorene	15.255	166	4327	0.399	ng	99
20) 4,6-Dinitro-2-methylph...	15.586	198	52	0.330	ng	# 1
21) 4-Bromophenyl-phenylether	16.145	248	1297	0.337	ng	93
22) Hexachlorobenzene	16.232	284	1441	0.335	ng	# 88
23) Atrazine	16.443	200	956	0.338	ng	94
24) Pentachlorophenol	16.654	266	512	0.320	ng	91
25) Phenanthrene	16.989	178	6593	0.369	ng	99
26) Anthracene	17.101	178	4628	0.314	ng	99
28) Fluoranthene	19.013	202	9277	0.429	ng	99
30) Pyrene	19.380	202	9659	0.354	ng	99
32) Benzo(a)anthracene	21.140	228	8038	0.381	ng	99
33) Chrysene	21.185	228	10278	0.409	ng	98
34) Bis(2-ethylhexyl)phtha...	21.015	149	6411	0.548	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.546	276	11763	0.402	ng	98
37) Benzo(b)fluoranthene	22.681	252	9385	0.363	ng	98
38) Benzo(k)fluoranthene	22.725	252	11041	0.373	ng	99
39) Benzo(a)pyrene	23.251	252	8771	0.376	ng	96
40) Dibenzo(a,h)anthracene	25.540	278	9387	0.406	ng	96
41) Benzo(g,h,i)perylene	26.221	276	10731	0.419	ng	95

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

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