Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083024\
Data File : BN033707.D
Acq On : 30 Aug 2024 16:11
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 30 17:20:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:33:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	5885	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	15715	0.400	ng	#-0.01
13) Acenaphthene-d10	14.156	164	8111	0.400	ng	-0.01
19) Phenanthrene-d10	16.917	188	18535	0.400	ng	# 0.00
29) Chrysene-d12	21.121	240	14785	0.400	ng	0.00
35) Perylene-d12	23.285	264	14545	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.162	112	6100	0.344	ng	0.00
5) Phenol-d6	6.714	99	7486	0.358	ng	0.00
8) Nitrobenzene-d5	8.659	82	5286	0.405	ng	0.00
11) 2-Methylnaphthalene-d10	11.881	152	8590	0.388	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	1568	0.403	ng	0.00
15) 2-Fluorobiphenyl	12.777	172	13060	0.382	ng	0.00
27) Fluoranthene-d10	18.952	212	19113	0.418	ng	0.00
31) Terphenyl-d14	19.569	244	11907	0.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	2751	0.402	ng	# 95
3) n-Nitrosodimethylamine	3.457	42	3449	0.429	ng	# 96
6) bis(2-Chloroethyl)ether	6.960	93	6698	0.420	ng	99
9) Naphthalene	10.325	128	16818	0.400	ng	99
10) Hexachlorobutadiene	10.624	225	3425	0.393	ng	# 100
12) 2-Methylnaphthalene	11.952	142	10715	0.413	ng	99
16) Acenaphthylene	13.879	152	13611	0.388	ng	99
17) Acenaphthene	14.221	154	9665	0.396	ng	99
18) Fluorene	15.215	166	12758	0.422	ng	100
20) 4,6-Dinitro-2-methylph...	15.300	198	939	0.334	ng	# 67
21) 4-Bromophenyl-phenylether	16.110	248	4126	0.385	ng	# 75
22) Hexachlorobenzene	16.222	284	4487	0.367	ng	99
23) Atrazine	16.395	200	3561	0.417	ng	96
24) Pentachlorophenol	16.569	266	2157	0.390	ng	99
25) Phenanthrene	16.954	178	20304	0.394	ng	100
26) Anthracene	17.041	178	18345	0.411	ng	100
28) Fluoranthene	18.984	202	25208	0.434	ng	99
30) Pyrene	19.346	202	26011	0.435	ng	100
32) Benzo(a)anthracene	21.112	228	22860	0.438	ng	98
33) Chrysene	21.157	228	21680	0.406	ng	100
34) Bis(2-ethylhexyl)phtha...	21.068	149	22512m	0.762	ng	
36) Indeno(1,2,3-cd)pyrene	25.425	276	21804	0.349	ng	100
37) Benzo(b)fluoranthene	22.642	252	21828	0.408	ng	97
38) Benzo(k)fluoranthene	22.689	252	21323	0.407	ng	99
39) Benzo(a)pyrene	23.192	252	18555	0.415	ng	96
40) Dibenzo(a,h)anthracene	25.440	278	17311	0.348	ng	99
41) Benzo(g,h,i)perylene	26.074	276	18516	0.343	ng	99

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

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