Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033544.D
Acq On : 22 Aug 2024 09:52
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 08/23/2024
Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 22 10:52:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.545	152	9237	0.400	ng		-0.01
7) Naphthalene-d8	10.304	136	24638	0.400	ng		-0.01
13) Acenaphthene-d10	14.178	164	13033	0.400	ng		-0.01
19) Phenanthrene-d10	16.929	188	28085	0.400	ng		-0.01
29) Chrysene-d12	21.139	240	19178	0.400	ng		0.00
35) Perylene-d12	23.309	264	17184	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.176	112	10101	0.344	ng		-0.01
5) Phenol-d6	6.729	99	12586	0.360	ng		-0.01
8) Nitrobenzene-d5	8.681	82	7302	0.357	ng		-0.01
11) 2-Methylnaphthalene-d10	11.903	152	13220	0.375	ng		-0.01
14) 2,4,6-Tribromophenol	15.676	330	2608	0.372	ng		-0.01
15) 2-Fluorobiphenyl	12.799	172	19676	0.370	ng		-0.01
27) Fluoranthene-d10	18.970	212	25525	0.378	ng		-0.01
31) Terphenyl-d14	19.588	244	16920	0.388	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.183	88	3936	0.370	ng		98
3) n-Nitrosodimethylamine	3.472	42	4225	0.342	ng	#	100
6) bis(2-Chloroethyl)ether	6.982	93	9531	0.385	ng		100
9) Naphthalene	10.357	128	24458	0.371	ng		99
10) Hexachlorobutadiene	10.656	225	4835	0.368	ng	#	100
12) 2-Methylnaphthalene	11.979	142	15508	0.372	ng		99
16) Acenaphthylene	13.900	152	20281	0.355	ng		100
17) Acenaphthene	14.242	154	14547	0.362	ng		99
18) Fluorene	15.236	166	18566	0.366	ng		100
20) 4,6-Dinitro-2-methylph...	15.311	198	1485	0.339	ng	#	1
21) 4-Bromophenyl-phenylether	16.135	248	6082	0.357	ng	#	93
22) Hexachlorobenzene	16.247	284	6950	0.369	ng		99
23) Atrazine	16.421	200	4972	0.365	ng	#	90
24) Pentachlorophenol	16.594	266	3013	0.369	ng		99
25) Phenanthrene	16.967	178	29115	0.373	ng		100
26) Anthracene	17.066	178	24990	0.361	ng		99
28) Fluoranthene	19.003	202	32484	0.376	ng		100
30) Pyrene	19.365	202	33252	0.388	ng		100
32) Benzo(a)anthracene	21.122	228	25991	0.375	ng		99
33) Chrysene	21.175	228	26147	0.379	ng		99
34) Bis(2-ethylhexyl)phtha...	21.086	149	17069m	0.389	ng		
36) Indeno(1,2,3-cd)pyrene	25.461	276	24416	0.342	ng		100
37) Benzo(b)fluoranthene	22.666	252	24979	0.389	ng		99
38) Benzo(k)fluoranthene	22.707	252	24096	0.381	ng		99
39) Benzo(a)pyrene	23.215	252	19551	0.368	ng		99
40) Dibenzo(a,h)anthracene	25.475	278	19323	0.339	ng		98
41) Benzo(g,h,i)perylene	26.113	276	20994	0.344	ng		100

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

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