Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083024\
Data File : BN033718.D
Acq On : 30 Aug 2024 22:49
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

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

Quant Time: Aug 31 00:50:25 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	7735	0.400	ng		0.00
7) Naphthalene-d8	10.282	136	20742	0.400	ng		-0.01
13) Acenaphthene-d10	14.157	164	10365	0.400	ng		-0.01
19) Phenanthrene-d10	16.904	188	22084	0.400	ng		#-0.01
29) Chrysene-d12	21.121	240	16514	0.400	ng		# 0.00
35) Perylene-d12	23.276	264	15150	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.162	112	8881	0.382	ng		0.00
5) Phenol-d6	6.714	99	11194	0.407	ng		0.00
8) Nitrobenzene-d5	8.659	82	6541	0.379	ng		0.00
11) 2-Methylnaphthalene-d10	11.881	152	11570	0.396	ng		0.00
14) 2,4,6-Tribromophenol	15.663	330	1963	0.395	ng		0.00
15) 2-Fluorobiphenyl	12.777	172	16549	0.379	ng		0.00
27) Fluoranthene-d10	18.952	212	21393	0.393	ng		0.00
31) Terphenyl-d14	19.565	244	14728	0.422	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.168	88	3326	0.370	ng		100
3) n-Nitrosodimethylamine	3.464	42	4018	0.381	ng		97
6) bis(2-Chloroethyl)ether	6.960	93	8385	0.400	ng		100
9) Naphthalene	10.336	128	21320	0.384	ng		99
10) Hexachlorobutadiene	10.624	225	4392	0.382	ng	#	100
12) 2-Methylnaphthalene	11.956	142	13461	0.393	ng		99
16) Acenaphthylene	13.879	152	16910	0.377	ng		100
17) Acenaphthene	14.221	154	12246	0.392	ng		99
18) Fluorene	15.215	166	15231	0.394	ng		100
20) 4,6-Dinitro-2-methylph...	15.300	198	1298	0.387	ng	#	57
21) 4-Bromophenyl-phenylether	16.110	248	4842	0.379	ng	#	77
22) Hexachlorobenzene	16.222	284	5629	0.386	ng		100
23) Atrazine	16.396	200	3928	0.386	ng	#	93
24) Pentachlorophenol	16.569	266	2082	0.316	ng		99
25) Phenanthrene	16.954	178	23609	0.384	ng		100
26) Anthracene	17.041	178	20295	0.381	ng		100
28) Fluoranthene	18.984	202	27215	0.393	ng		99
30) Pyrene	19.347	202	27591	0.413	ng		100
32) Benzo(a)anthracene	21.104	228	22803	0.391	ng		99
33) Chrysene	21.157	228	23724	0.398	ng		99
34) Bis(2-ethylhexyl)phtha...	21.068	149	14294m	0.433	ng		
36) Indeno(1,2,3-cd)pyrene	25.414	276	23446	0.361	ng		99
37) Benzo(b)fluoranthene	22.636	252	22274	0.400	ng		95
38) Benzo(k)fluoranthene	22.677	252	22690	0.415	ng		97
39) Benzo(a)pyrene	23.183	252	17729	0.381	ng		94
40) Dibenzo(a,h)anthracene	25.425	278	18604	0.359	ng		98
41) Benzo(g,h,i)perylene	26.057	276	19505	0.347	ng		99

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

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