Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035510.D
Acq On : 09 Dec 2024 17:07
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

Quant Time: Dec 09 17:33:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.300	152	1975	0.400	ng		0.00
7) Naphthalene-d8	10.041	136	5582	0.400	ng		#-0.01
13) Acenaphthene-d10	13.956	164	4021	0.400	ng		-0.01
19) Phenanthrene-d10	16.723	188	9077	0.400	ng		#-0.01
29) Chrysene-d12	20.965	240	8166	0.400	ng		0.00
35) Perylene-d12	23.059	264	8385	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.953	112	2063	0.417	ng		-0.01
5) Phenol-d6	6.506	99	2615	0.440	ng		0.00
8) Nitrobenzene-d5	8.429	82	1449m	0.425	ng		-0.01
11) 2-Methylnaphthalene-d10	11.646	152	3499	0.401	ng		-0.01
14) 2,4,6-Tribromophenol	15.475	330	1103	0.386	ng		0.00
15) 2-Fluorobiphenyl	12.564	172	6086	0.400	ng		-0.01
27) Fluoranthene-d10	18.775	212	9358	0.364	ng		0.00
31) Terphenyl-d14	19.407	244	6666	0.414	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.996	88	717	0.380	ng		98
3) n-Nitrosodimethylamine	3.292	42	635	0.404	ng	#	98
6) bis(2-Chloroethyl)ether	6.752	93	1927	0.386	ng		98
9) Naphthalene	10.095	128	5725	0.389	ng		99
10) Hexachlorobutadiene	10.383	225	1406	0.414	ng	#	100
12) 2-Methylnaphthalene	11.722	142	4137	0.392	ng		99
16) Acenaphthylene	13.668	152	6383	0.378	ng		100
17) Acenaphthene	14.021	154	4360	0.389	ng		99
18) Fluorene	15.015	166	6050	0.377	ng		100
20) 4,6-Dinitro-2-methylph...	15.122	198	175	0.196	ng	#	56
21) 4-Bromophenyl-phenylether	15.929	248	2075	0.391	ng	#	90
22) Hexachlorobenzene	16.028	284	2587	0.415	ng		99
23) Atrazine	16.227	200	1463	0.387	ng		94
24) Pentachlorophenol	16.388	266	925	0.341	ng		86
25) Phenanthrene	16.760	178	9661	0.387	ng		100
26) Anthracene	16.860	178	8433	0.374	ng		100
28) Fluoranthene	18.808	202	12158	0.362	ng		99
30) Pyrene	19.175	202	12397	0.411	ng		100
32) Benzo(a)anthracene	20.947	228	10365	0.363	ng		99
33) Chrysene	21.000	228	11620	0.394	ng		100
34) Bis(2-ethylhexyl)phtha...	20.929	149	4418	0.392	ng		99
36) Indeno(1,2,3-cd)pyrene	25.102	276	12024	0.367	ng		97
37) Benzo(b)fluoranthene	22.447	252	13501	0.440	ng		98
38) Benzo(k)fluoranthene	22.488	252	11908	0.394	ng		99
39) Benzo(a)pyrene	22.968	252	9314	0.369	ng		97
40) Dibenzo(a,h)anthracene	25.114	278	9233	0.357	ng		97
41) Benzo(g,h,i)perylene	25.710	276	9987	0.369	ng		97

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

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