Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
Data File : BN035219.D
Acq On : 21 Nov 2024 13:22
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 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 21 14:33:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:00:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.329	152	3553	0.400	ng		0.00
7) Naphthalene-d8	10.073	136	8594	0.400	ng	#	0.00
13) Acenaphthene-d10	13.987	164	5839	0.400	ng		0.00
19) Phenanthrene-d10	16.746	188	13132	0.400	ng	#	0.00
29) Chrysene-d12	21.008	240	2179	0.400	ng	#	0.00
35) Perylene-d12	23.104	264	7936	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.982	112	4170	0.462	ng		0.00
5) Phenol-d6	6.528	99	5231	0.463	ng		0.00
8) Nitrobenzene-d5	8.461	82	1784m	0.238	ng		0.00
11) 2-Methylnaphthalene-d10	11.678	152	5187	0.339	ng		0.00
14) 2,4,6-Tribromophenol	15.494	330	1931	0.458	ng		0.00
15) 2-Fluorobiphenyl	12.608	172	1744	0.074	ng		0.00
27) Fluoranthene-d10	18.806	212	12553	0.312	ng		0.00
31) Terphenyl-d14	19.438	244	7908	1.730	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.011	88	1431	0.443	ng	#	85
3) n-Nitrosodimethylamine	3.307	42	1242	0.413	ng	#	97
6) bis(2-Chloroethyl)ether	6.773	93	3817	0.450	ng		95
9) Naphthalene	10.127	128	8813	0.393	ng		99
10) Hexachlorobutadiene	10.426	225	2134	0.324	ng	#	100
12) 2-Methylnaphthalene	11.754	142	6233	0.377	ng		97
16) Acenaphthylene	13.698	152	10404	0.417	ng		99
17) Acenaphthene	14.051	154	6430	0.393	ng		99
18) Fluorene	15.045	166	8973	0.373	ng		99
20) 4,6-Dinitro-2-methylph...	15.142	198	427	0.156	ng	#	31
21) 4-Bromophenyl-phenylether	15.952	248	3185	0.381	ng	#	73
22) Hexachlorobenzene	16.064	284	3749	0.432	ng		96
23) Atrazine	16.250	200	1902	0.253	ng	#	94
24) Pentachlorophenol	16.411	266	2236	0.551	ng		98
25) Phenanthrene	16.796	178	13999	0.405	ng		99
26) Anthracene	16.883	178	13479	0.425	ng		99
28) Fluoranthene	18.839	202	16410	0.345	ng	#	97
30) Pyrene	19.206	202	16732	2.306	ng		100
32) Benzo(a)anthracene	21.035	228	12666	1.669	ng		95
33) Chrysene	21.035	228	12666	1.685	ng		98
34) Bis(2-ethylhexyl)phtha...	21.026	149	1204	0.302	ng	#	93
36) Indeno(1,2,3-cd)pyrene	25.157	276	12159	0.384	ng	#	90
37) Benzo(b)fluoranthene	22.487	252	11451	0.429	ng	#	95
38) Benzo(k)fluoranthene	22.528	252	11422	0.428	ng	#	95
39) Benzo(a)pyrene	23.014	252	9865	0.420	ng	#	94
40) Dibenzo(a,h)anthracene	25.177	278	9332	0.372	ng	#	89
41) Benzo(g,h,i)perylene	25.776	276	10046	0.377	ng	#	89

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

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