Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035508.D
Acq On : 09 Dec 2024 15:52
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

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

Quant Time: Dec 09 16:26:48 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	7.301	152	2019	0.400	ng		0.00
7) Naphthalene-d8	10.041	136	5848	0.400	ng		-0.01
13) Acenaphthene-d10	13.957	164	4309	0.400	ng		-0.01
19) Phenanthrene-d10	16.723	188	9730	0.400	ng		#-0.01
29) Chrysene-d12	20.965	240	8544	0.400	ng		0.00
35) Perylene-d12	23.059	264	8301	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.961	112	2221	0.440	ng		0.00
5) Phenol-d6	6.506	99	2789	0.459	ng		0.00
8) Nitrobenzene-d5	8.429	82	1515m	0.424	ng		-0.01
11) 2-Methylnaphthalene-d10	11.646	152	3625	0.396	ng		-0.01
14) 2,4,6-Tribromophenol	15.475	330	1111	0.363	ng		0.00
15) 2-Fluorobiphenyl	12.564	172	6238	0.383	ng		-0.01
27) Fluoranthene-d10	18.775	212	9807	0.356	ng		0.00
31) Terphenyl-d14	19.407	244	6969	0.413	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.996	88	759	0.393	ng		98
3) n-Nitrosodimethylamine	3.292	42	660	0.411	ng	#	94
6) bis(2-Chloroethyl)ether	6.752	93	2026	0.397	ng		99
9) Naphthalene	10.095	128	5925	0.384	ng		100
10) Hexachlorobutadiene	10.394	225	1415	0.398	ng	#	99
12) 2-Methylnaphthalene	11.722	142	4247	0.385	ng		99
16) Acenaphthylene	13.668	152	6728	0.372	ng		100
17) Acenaphthene	14.021	154	4597	0.383	ng		98
18) Fluorene	15.026	166	6318	0.367	ng		100
20) 4,6-Dinitro-2-methylph...	15.133	198	161	0.168	ng	#	49
21) 4-Bromophenyl-phenylether	15.929	248	2125	0.373	ng	#	86
22) Hexachlorobenzene	16.028	284	2614	0.391	ng		99
23) Atrazine	16.227	200	1529	0.377	ng		94
24) Pentachlorophenol	16.388	266	909	0.313	ng	#	86
25) Phenanthrene	16.760	178	9935	0.372	ng		100
26) Anthracene	16.860	178	8709	0.360	ng		99
28) Fluoranthene	18.808	202	12535	0.348	ng		99
30) Pyrene	19.175	202	12805	0.406	ng		100
32) Benzo(a)anthracene	20.947	228	10817	0.362	ng		99
33) Chrysene	21.001	228	12009	0.390	ng		100
34) Bis(2-ethylhexyl)phtha...	20.929	149	4730	0.401	ng		99
36) Indeno(1,2,3-cd)pyrene	25.096	276	11662	0.359	ng		97
37) Benzo(b)fluoranthene	22.448	252	17725	0.584	ng		98
38) Benzo(k)fluoranthene	22.488	252	11776	0.394	ng		97
39) Benzo(a)pyrene	22.971	252	9314	0.372	ng		97
40) Dibenzo(a,h)anthracene	25.117	278	9103	0.355	ng		97
41) Benzo(g,h,i)perylene	25.713	276	9942	0.372	ng		98

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

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