Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
Data File : BN035861.D
Acq On : 26 Dec 2024 19:41
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 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 00:42:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.257	152	3087	0.400	ng		-0.01
7) Naphthalene-d8	9.999	136	7239	0.400	ng		-0.02
13) Acenaphthene-d10	13.914	164	4472	0.400	ng		-0.02
19) Phenanthrene-d10	16.686	188	9373	0.400	ng		#-0.01
29) Chrysene-d12	20.947	240	6021	0.400	ng		# 0.00
35) Perylene-d12	23.026	264	5699	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.924	112	2874	0.372	ng		-0.01
5) Phenol-d6	6.470	99	3155	0.340	ng		-0.02
8) Nitrobenzene-d5	8.397	82	2215m	0.501	ng		-0.01
11) 2-Methylnaphthalene-d10	11.605	152	3987	0.352	ng		-0.02
14) 2,4,6-Tribromophenol	15.443	330	1008	0.318	ng		-0.01
15) 2-Fluorobiphenyl	12.528	172	6619	0.392	ng		-0.02
27) Fluoranthene-d10	18.747	212	8643	0.325	ng		-0.01
31) Terphenyl-d14	19.379	244	5407	0.455	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.974	88	1215	0.412	ng		96
3) n-Nitrosodimethylamine	3.271	42	1021	0.415	ng	#	90
6) bis(2-Chloroethyl)ether	6.708	93	2725	0.349	ng		98
9) Naphthalene	10.052	128	7516	0.394	ng		100
10) Hexachlorobutadiene	10.340	225	1992	0.452	ng	#	99
12) 2-Methylnaphthalene	11.682	142	4745	0.347	ng		99
16) Acenaphthylene	13.625	152	6923	0.369	ng		100
17) Acenaphthene	13.978	154	4776	0.383	ng		99
18) Fluorene	14.983	166	6478	0.363	ng		99
20) 4,6-Dinitro-2-methylph...	15.111	198	453	0.492	ng	#	67
21) 4-Bromophenyl-phenylether	15.904	248	2071	0.378	ng	#	96
22) Hexachlorobenzene	15.991	284	3015	0.468	ng		98
23) Atrazine	16.202	200	1507	0.386	ng		94
24) Pentachlorophenol	16.363	266	846	0.302	ng	#	84
25) Phenanthrene	16.736	178	9697	0.377	ng		100
26) Anthracene	16.822	178	8100	0.348	ng		99
28) Fluoranthene	18.780	202	11145	0.321	ng		99
30) Pyrene	19.147	202	11492	0.517	ng		99
32) Benzo(a)anthracene	20.929	228	6901	0.328	ng		99
33) Chrysene	20.983	228	9578	0.441	ng		99
34) Bis(2-ethylhexyl)phtha...	20.893	149	4069	0.489	ng		99
36) Indeno(1,2,3-cd)pyrene	25.050	276	9030	0.405	ng		98
37) Benzo(b)fluoranthene	22.418	252	11803	0.566	ng	#	92
38) Benzo(k)fluoranthene	22.459	252	9638	0.470	ng	#	90
39) Benzo(a)pyrene	22.939	252	6641	0.387	ng	#	82
40) Dibenzo(a,h)anthracene	25.070	278	6633	0.377	ng	#	91
41) Benzo(g,h,i)perylene	25.652	276	8300	0.452	ng		95

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

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