Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035843.D
Acq On : 25 Dec 2024 05:14
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 07:05:57 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	5156	0.400	ng		-0.01
7) Naphthalene-d8	9.998	136	13078	0.400	ng		#-0.02
13) Acenaphthene-d10	13.914	164	6801	0.400	ng		-0.02
19) Phenanthrene-d10	16.686	188	13499	0.400	ng		#-0.01
29) Chrysene-d12	20.938	240	10827	0.400	ng		#-0.02
35) Perylene-d12	23.023	264	11272	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	4.924	112	4881	0.378	ng		-0.01
5) Phenol-d6	6.470	99	8113	0.523	ng		-0.02
8) Nitrobenzene-d5	8.397	82	4586m	0.574	ng		-0.01
11) 2-Methylnaphthalene-d10	11.600	152	6864	0.335	ng		-0.02
14) 2,4,6-Tribromophenol	15.443	330	1590	0.329	ng		-0.01
15) 2-Fluorobiphenyl	12.528	172	10817	0.421	ng		-0.02
27) Fluoranthene-d10	18.747	212	12946	0.338	ng		-0.01
31) Terphenyl-d14	19.379	244	8772	0.411	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.974	88	2628	0.533	ng		99
3) n-Nitrosodimethylamine	3.270	42	1575	0.384	ng	#	83
6) bis(2-Chloroethyl)ether	6.708	93	6304	0.483	ng		99
9) Naphthalene	10.052	128	17615	0.511	ng		98
10) Hexachlorobutadiene	10.340	225	4448	0.559	ng	#	99
12) 2-Methylnaphthalene	11.681	142	8694	0.352	ng		98
16) Acenaphthylene	13.625	152	10564	0.370	ng		99
17) Acenaphthene	13.978	154	7280	0.384	ng		99
18) Fluorene	14.983	166	9290	0.342	ng		100
20) 4,6-Dinitro-2-methylph...	15.111	198	461	0.347	ng	#	44
21) 4-Bromophenyl-phenylether	15.904	248	2960	0.375	ng		96
22) Hexachlorobenzene	15.991	284	4352	0.469	ng		95
23) Atrazine	16.202	200	2032	0.362	ng		93
24) Pentachlorophenol	16.363	266	1431	0.355	ng	#	85
25) Phenanthrene	16.735	178	14253	0.384	ng		99
26) Anthracene	16.822	178	11727	0.350	ng		99
28) Fluoranthene	18.780	202	16856	0.337	ng		99
30) Pyrene	19.147	202	17619	0.441	ng		99
32) Benzo(a)anthracene	20.929	228	13110	0.346	ng		99
33) Chrysene	20.974	228	16237	0.416	ng		99
34) Bis(2-ethylhexyl)phtha...	20.893	149	5933	0.397	ng		99
36) Indeno(1,2,3-cd)pyrene	25.044	276	15331	0.348	ng		99
37) Benzo(b)fluoranthene	22.412	252	25617	0.621	ng	#	96
38) Benzo(k)fluoranthene	22.453	252	18591m	0.458	ng		
39) Benzo(a)pyrene	22.936	252	12667	0.373	ng	#	90
40) Dibenzo(a,h)anthracene	25.061	278	11116	0.320	ng		94
41) Benzo(g,h,i)perylene	25.652	276	14070	0.387	ng		98

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

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