Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035523.D
Acq On : 10 Dec 2024 00:55
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 23 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 10 01:29:56 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	1809	0.400	ng		0.00
7) Naphthalene-d8	10.041	136	4948	0.400	ng		-0.01
13) Acenaphthene-d10	13.957	164	3762	0.400	ng		-0.01
19) Phenanthrene-d10	16.723	188	8986	0.400	ng		#-0.01
29) Chrysene-d12	20.965	240	7813	0.400	ng		0.00
35) Perylene-d12	23.056	264	7976	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.953	112	1833	0.405	ng		-0.01
5) Phenol-d6	6.506	99	2256	0.414	ng		0.00
8) Nitrobenzene-d5	8.429	82	1313m	0.434	ng		-0.01
11) 2-Methylnaphthalene-d10	11.646	152	3094	0.400	ng		-0.01
14) 2,4,6-Tribromophenol	15.475	330	1002	0.375	ng		0.00
15) 2-Fluorobiphenyl	12.564	172	5445	0.383	ng		-0.01
27) Fluoranthene-d10	18.775	212	9035	0.355	ng		0.00
31) Terphenyl-d14	19.407	244	6345	0.412	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.996	88	698	0.404	ng		98
3) n-Nitrosodimethylamine	3.292	42	617	0.428	ng	#	95
6) bis(2-Chloroethyl)ether	6.752	93	1719	0.376	ng		100
9) Naphthalene	10.095	128	5071	0.389	ng		99
10) Hexachlorobutadiene	10.383	225	1254	0.417	ng	#	99
12) 2-Methylnaphthalene	11.722	142	3664	0.392	ng		99
16) Acenaphthylene	13.668	152	5848	0.370	ng		99
17) Acenaphthene	14.021	154	4030	0.384	ng		100
18) Fluorene	15.026	166	5811	0.387	ng		99
20) 4,6-Dinitro-2-methylph...	15.133	198	248	0.281	ng	#	70
21) 4-Bromophenyl-phenylether	15.929	248	2058	0.392	ng	#	87
22) Hexachlorobenzene	16.028	284	2505	0.406	ng		99
23) Atrazine	16.227	200	1338	0.358	ng		95
24) Pentachlorophenol	16.388	266	807	0.301	ng		88
25) Phenanthrene	16.760	178	9239	0.374	ng		100
26) Anthracene	16.860	178	8006	0.359	ng		100
28) Fluoranthene	18.808	202	11681	0.351	ng		99
30) Pyrene	19.175	202	11847	0.411	ng		100
32) Benzo(a)anthracene	20.947	228	9669	0.354	ng		99
33) Chrysene	21.001	228	11263	0.400	ng		100
34) Bis(2-ethylhexyl)phtha...	20.920	149	4196	0.389	ng		99
36) Indeno(1,2,3-cd)pyrene	25.096	276	11338	0.364	ng		97
37) Benzo(b)fluoranthene	22.445	252	13396	0.459	ng		97
38) Benzo(k)fluoranthene	22.486	252	11357	0.395	ng		99
39) Benzo(a)pyrene	22.968	252	8586	0.357	ng		97
40) Dibenzo(a,h)anthracene	25.114	278	8605	0.350	ng		96
41) Benzo(g,h,i)perylene	25.708	276	9565	0.372	ng		99

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

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