Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029502.D
Acq On : 05 Feb 2024 11:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 05 12:14:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.890	152	4126	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	11350	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	5058	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	9149	0.400	ng		0.00
29) Chrysene-d12	21.483	240	5625	0.400	ng	#	0.00
35) Perylene-d12	23.861	264	5586	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3833	0.387	ng		0.00
5) Phenol-d6	7.060	99	4354	0.381	ng		0.00
8) Nitrobenzene-d5	9.057	82	3763	0.398	ng		0.00
11) 2-Methylnaphthalene-d10	12.284	152	5951	0.385	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	540	0.333	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	8671	0.399	ng		0.00
27) Fluoranthene-d10	19.317	212	8147	0.368	ng		0.00
31) Terphenyl-d14	19.926	244	5522	0.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	2139	0.368	ng		96
3) n-Nitrosodimethylamine	3.709	42	1638m	0.346	ng		
6) bis(2-Chloroethyl)ether	7.327	93	4311	0.395	ng		99
9) Naphthalene	10.744	128	12819	0.396	ng		99
10) Hexachlorobutadiene	11.021	225	2366	0.386	ng	#	98
12) 2-Methylnaphthalene	12.355	142	7313	0.385	ng		99
16) Acenaphthylene	14.254	152	9107	0.379	ng		99
17) Acenaphthene	14.596	154	6277	0.389	ng		100
18) Fluorene	15.580	166	7503	0.371	ng		98
20) 4,6-Dinitro-2-methylph...	15.666	198	505	0.376	ng	#	73
21) 4-Bromophenyl-phenylether	16.486	248	2142	0.393	ng	#	71
22) Hexachlorobenzene	16.573	284	2650	0.397	ng		99
23) Atrazine	16.759	200	1472	0.380	ng		97
24) Pentachlorophenol	16.933	266	743	0.351	ng		99
25) Phenanthrene	17.317	178	10609	0.392	ng		100
26) Anthracene	17.417	178	8696	0.377	ng		100
28) Fluoranthene	19.350	202	10868	0.357	ng		99
30) Pyrene	19.712	202	10999	0.425	ng		100
32) Benzo(a)anthracene	21.465	228	7249	0.377	ng		99
33) Chrysene	21.519	228	8767	0.401	ng		99
34) Bis(2-ethylhexyl)phtha...	21.411	149	4641	0.354	ng		99
36) Indeno(1,2,3-cd)pyrene	26.323	276	8367	0.373	ng	#	87
37) Benzo(b)fluoranthene	23.139	252	7515	0.376	ng		97
38) Benzo(k)fluoranthene	23.189	252	7825	0.374	ng	#	94
39) Benzo(a)pyrene	23.759	252	6667	0.383	ng		97
40) Dibenzo(a,h)anthracene	26.355	278	6757	0.378	ng		99
41) Benzo(g,h,i)perylene	27.077	276	8195	0.376	ng		97

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

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