Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
Data File : BN030012.D
Acq On : 25 Feb 2024 04:07
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Feb 26 02:47:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	4761	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	12123	0.400	ng		0.00
13) Acenaphthene-d10	14.500	164	5493	0.400	ng		0.01
19) Phenanthrene-d10	17.255	188	10916	0.400	ng		0.00
29) Chrysene-d12	21.456	240	8187	0.400	ng	#	0.00
35) Perylene-d12	23.818	264	8089	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.428	112	4690	0.410	ng		0.00
5) Phenol-d6	7.024	99	4993	0.378	ng		0.00
8) Nitrobenzene-d5	9.025	82	4063	0.403	ng		0.01
11) 2-Methylnaphthalene-d10	12.246	152	6498	0.394	ng		0.00
14) 2,4,6-Tribromophenol	16.002	330	760	0.431	ng		0.00
15) 2-Fluorobiphenyl	13.132	172	8934	0.379	ng		0.01
27) Fluoranthene-d10	19.289	212	11050	0.418	ng		0.00
31) Terphenyl-d14	19.898	244	7947	0.391	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2534	0.378	ng		96
3) n-Nitrosodimethylamine	3.694	42	2209	0.404	ng	#	96
6) bis(2-Chloroethyl)ether	7.298	93	4988	0.396	ng		99
9) Naphthalene	10.701	128	13726	0.397	ng		99
10) Hexachlorobutadiene	10.979	225	2753	0.420	ng	#	99
12) 2-Methylnaphthalene	12.321	142	7792	0.384	ng		100
16) Acenaphthylene	14.222	152	9064	0.347	ng		100
17) Acenaphthene	14.554	154	6884	0.393	ng		97
18) Fluorene	15.555	166	8204	0.374	ng		99
20) 4,6-Dinitro-2-methylph...	15.654	198	451	0.281	ng	#	70
21) 4-Bromophenyl-phenylether	16.449	248	2433m	0.375	ng		
22) Hexachlorobenzene	16.548	284	3268	0.410	ng		92
23) Atrazine	16.734	200	1761	0.381	ng		99
24) Pentachlorophenol	16.908	266	1037	0.411	ng		97
25) Phenanthrene	17.293	178	11673	0.362	ng		100
26) Anthracene	17.392	178	9859	0.358	ng		100
28) Fluoranthene	19.322	202	14210	0.391	ng		98
30) Pyrene	19.684	202	14535	0.386	ng		99
32) Benzo(a)anthracene	21.438	228	10068	0.360	ng		98
33) Chrysene	21.492	228	13055	0.411	ng		99
34) Bis(2-ethylhexyl)phtha...	21.384	149	6103	0.320	ng		99
36) Indeno(1,2,3-cd)pyrene	26.271	276	13312m	0.409	ng		
37) Benzo(b)fluoranthene	23.101	252	11829	0.409	ng		99
38) Benzo(k)fluoranthene	23.148	252	12196	0.403	ng		99
39) Benzo(a)pyrene	23.715	252	9876	0.392	ng		98
40) Dibenzo(a,h)anthracene	26.309	278	10400	0.402	ng		98
41) Benzo(g,h,i)perylene	27.004	276	12398	0.393	ng		97

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

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