Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029528.D
Acq On : 06 Feb 2024 03:46
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

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

Quant Time: Feb 06 04:59:35 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.890	152	4645	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	12475	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	5602	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	10960	0.400	ng		0.00
29) Chrysene-d12	21.483	240	8092	0.400	ng	#	0.00
35) Perylene-d12	23.858	264	8699	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	4533	0.406	ng		0.00
5) Phenol-d6	7.053	99	5123	0.398	ng		0.00
8) Nitrobenzene-d5	9.057	82	4067	0.392	ng		0.00
11) 2-Methylnaphthalene-d10	12.280	152	6624	0.390	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	661	0.368	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	9417	0.392	ng		0.00
27) Fluoranthene-d10	19.317	212	10133	0.382	ng		0.00
31) Terphenyl-d14	19.926	244	7512	0.374	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	2366	0.362	ng		98
3) n-Nitrosodimethylamine	3.709	42	2192m	0.411	ng		
6) bis(2-Chloroethyl)ether	7.327	93	4813	0.392	ng		97
9) Naphthalene	10.733	128	13982	0.393	ng		100
10) Hexachlorobutadiene	11.011	225	2575	0.382	ng	#	99
12) 2-Methylnaphthalene	12.355	142	8061	0.386	ng		98
16) Acenaphthylene	14.254	152	9980	0.375	ng		99
17) Acenaphthene	14.596	154	6931	0.388	ng		99
18) Fluorene	15.580	166	8583	0.383	ng		98
20) 4,6-Dinitro-2-methylph...	15.667	198	632	0.393	ng	#	66
21) 4-Bromophenyl-phenylether	16.473	248	2457	0.377	ng		92
22) Hexachlorobenzene	16.573	284	2946	0.368	ng		99
23) Atrazine	16.759	200	1804	0.389	ng		98
24) Pentachlorophenol	16.933	266	967	0.381	ng		95
25) Phenanthrene	17.317	178	12606	0.389	ng		99
26) Anthracene	17.417	178	10457	0.378	ng		100
28) Fluoranthene	19.345	202	14088	0.386	ng		99
30) Pyrene	19.712	202	14345	0.385	ng		100
32) Benzo(a)anthracene	21.465	228	10627	0.384	ng		99
33) Chrysene	21.519	228	12447	0.396	ng		99
34) Bis(2-ethylhexyl)phtha...	21.411	149	6983	0.371	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.320	276	13254	0.379	ng	#	87
37) Benzo(b)fluoranthene	23.136	252	11592	0.373	ng		99
38) Benzo(k)fluoranthene	23.186	252	12446	0.382	ng	#	93
39) Benzo(a)pyrene	23.753	252	10514	0.388	ng		99
40) Dibenzo(a,h)anthracene	26.349	278	10560	0.379	ng		96
41) Benzo(g,h,i)perylene	27.069	276	12590	0.371	ng		98

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

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