Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
Data File : BN024522.D
Acq On : 23 Mar 2023 23:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2023
Supervised By :Jagrut Upadhyay 03/24/2023

Quant Time: Mar 24 03:07:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 24 03:05:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.025	152	12309	0.400	ng		0.00
7) Naphthalene-d8	10.834	136	36355	0.400	ng		# 0.00
13) Acenaphthene-d10	14.654	164	18974	0.400	ng		0.00
19) Phenanthrene-d10	17.400	188	38784	0.400	ng		0.00
29) Chrysene-d12	21.583	240	26555	0.400	ng		0.00
35) Perylene-d12	24.079	264	20300	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.570	112	11497	0.422	ng		0.00
5) Phenol-d6	7.180	99	13997	0.400	ng		0.00
8) Nitrobenzene-d5	9.190	82	11162	0.460	ng		0.00
11) 2-Methylnaphthalene-d10	12.418	152	17820	0.399	ng		0.00
14) 2,4,6-Tribromophenol	16.147	330	3033	0.313	ng		0.00
15) 2-Fluorobiphenyl	13.285	172	28633	0.400	ng		0.00
27) Fluoranthene-d10	19.429	212	31426	0.382	ng		0.00
31) Terphenyl-d14	20.016	244	18530	0.414	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.425	88	5174m	0.386	ng		
3) n-Nitrosodimethylamine	3.757	42	7780	0.396	ng		97
6) bis(2-Chloroethyl)ether	7.440	93	13874	0.399	ng		100
9) Naphthalene	10.887	128	36897	0.399	ng		100
10) Hexachlorobutadiene	11.176	225	7266	0.415	ng	#	100
12) 2-Methylnaphthalene	12.493	142	24361	0.390	ng		98
16) Acenaphthylene	14.376	152	32507	0.361	ng		100
17) Acenaphthene	14.718	154	21579	0.377	ng		98
18) Fluorene	15.702	166	25898	0.378	ng		99
20) 4,6-Dinitro-2-methylph...	15.774	198	888	0.301	ng		85
21) 4-Bromophenyl-phenylether	16.594	248	8787	0.381	ng		97
22) Hexachlorobenzene	16.705	284	10785	0.381	ng		98
23) Atrazine	16.854	200	5336	0.365	ng	#	96
24) Pentachlorophenol	17.053	266	3663	0.341	ng		98
25) Phenanthrene	17.438	178	43491	0.378	ng		100
26) Anthracene	17.537	178	37477	0.353	ng		100
28) Fluoranthene	19.459	202	46496	0.370	ng		98
30) Pyrene	19.821	202	47241	0.439	ng		100
32) Benzo(a)anthracene	21.565	228	33072	0.373	ng		100
33) Chrysene	21.619	228	36835	0.389	ng		99
34) Bis(2-ethylhexyl)phtha...	21.484	149	18002	0.431	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.687	276	28753	0.378	ng		96
37) Benzo(b)fluoranthene	23.313	252	31253	0.396	ng		97
38) Benzo(k)fluoranthene	23.366	252	30208	0.371	ng		97
39) Benzo(a)pyrene	23.968	252	27854	0.385	ng		95
40) Dibenzo(a,h)anthracene	26.711	278	21991	0.373	ng		97
41) Benzo(g,h,i)perylene	27.500	276	26135	0.380	ng		97

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

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