Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033022\
Data File : BN019244.D
Acq On : 30 Mar 2022 17:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022

Quant Time: Mar 30 18:39:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:57:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	3562	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	9110	0.400	ng		# 0.00
13) Acenaphthene-d10	14.474	164	5050	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	10160	0.400	ng		0.00
29) Chrysene-d12	21.404	240	6943	0.400	ng		# 0.00
35) Perylene-d12	23.767	264	5577	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	3242	0.377	ng		0.00
5) Phenol-d6	6.995	99	3188	0.341	ng		0.00
8) Nitrobenzene-d5	8.993	82	2348	0.339	ng		0.00
11) 2-Methylnaphthalene-d10	12.231	152	5480	0.385	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	794	0.315	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	8262	0.382	ng		0.00
27) Fluoranthene-d10	19.248	212	11268	0.372	ng		0.00
31) Terphenyl-d14	19.847	244	6706	0.431	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	2068	0.431	ng		96
3) n-Nitrosodimethylamine	3.557	42	1999	0.392	ng	#	96
6) bis(2-Chloroethyl)ether	7.248	93	3812	0.378	ng		96
9) Naphthalene	10.690	128	10184	0.388	ng		99
10) Hexachlorobutadiene	10.979	225	2456	0.401	ng	#	99
12) 2-Methylnaphthalene	12.306	142	6391	0.379	ng		98
16) Acenaphthylene	14.196	152	8281	0.354	ng		99
17) Acenaphthene	14.538	154	6303	0.378	ng		99
18) Fluorene	15.521	166	7890	0.380	ng		99
20) 4,6-Dinitro-2-methylph...	15.618	198	430	0.350	ng	#	62
21) 4-Bromophenyl-phenylether	16.405	248	2499	0.369	ng	#	79
22) Hexachlorobenzene	16.528	284	3415	0.399	ng		100
23) Atrazine	16.672	200	1457	0.319	ng		94
24) Pentachlorophenol	16.877	266	935	0.303	ng		99
25) Phenanthrene	17.256	178	12299	0.375	ng		100
26) Anthracene	17.348	178	9500	0.347	ng		100
28) Fluoranthene	19.278	202	14261	0.370	ng		99
30) Pyrene	19.640	202	14579	0.413	ng		99
32) Benzo(a)anthracene	21.386	228	8602	0.338	ng		97
33) Chrysene	21.440	228	11060	0.349	ng		99
34) Bis(2-ethylhexyl)phtha...	21.315	149	5866	0.266	ng		100
36) Indeno(1,2,3-cd)pyrene	26.211	276	9538m	0.406	ng		
37) Benzo(b)fluoranthene	23.048	252	11410m	0.411	ng		
38) Benzo(k)fluoranthene	23.094	252	14452	0.381	ng		93
39) Benzo(a)pyrene	23.665	252	8077	0.365	ng	#	69
40) Dibenzo(a,h)anthracene	26.234	278	6785m	0.378	ng		
41) Benzo(g,h,i)perylene	26.954	276	10329	0.402	ng		97

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

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