Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019106.D
Acq On : 23 Mar 2022 23:47
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Quant Time: Mar 24 05:32:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	4022	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	10570	0.400	ng		# 0.00
13) Acenaphthene-d10	14.484	164	6215	0.400	ng		-0.01
19) Phenanthrene-d10	17.225	188	12467	0.400	ng		-0.01
29) Chrysene-d12	21.413	240	9211	0.400	ng		# 0.00
35) Perylene-d12	23.782	264	7762	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	3215	0.357	ng		0.00
5) Phenol-d6	7.009	99	3153	0.334	ng		0.00
8) Nitrobenzene-d5	9.014	82	2534	0.332	ng		0.00
11) 2-Methylnaphthalene-d10	12.250	152	6395	0.365	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	807	0.269	ng		-0.01
15) 2-Fluorobiphenyl	13.116	172	9891	0.397	ng		-0.01
27) Fluoranthene-d10	19.261	212	14484	0.392	ng		0.00
31) Terphenyl-d14	19.860	244	7918	0.350	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	2142	0.431	ng		98
3) n-Nitrosodimethylamine	3.579	42	1973	0.340	ng		90
6) bis(2-Chloroethyl)ether	7.269	93	4120	0.366	ng		96
9) Naphthalene	10.701	128	11935	0.397	ng		100
10) Hexachlorobutadiene	11.000	225	2832	0.385	ng	#	100
12) 2-Methylnaphthalene	12.321	142	7524	0.368	ng		99
16) Acenaphthylene	14.206	152	10219	0.354	ng		99
17) Acenaphthene	14.549	154	7670	0.379	ng		98
18) Fluorene	15.532	166	9631	0.378	ng		100
20) 4,6-Dinitro-2-methylph...	15.628	198	470	0.310	ng	#	65
21) 4-Bromophenyl-phenylether	16.425	248	3045	0.387	ng		95
22) Hexachlorobenzene	16.549	284	4241	0.419	ng		98
23) Atrazine	16.682	200	1791	0.305	ng		97
24) Pentachlorophenol	16.887	266	570	0.183	ng		95
25) Phenanthrene	17.267	178	15092	0.387	ng		100
26) Anthracene	17.359	178	11355	0.345	ng		100
28) Fluoranthene	19.291	202	18107	0.396	ng		99
30) Pyrene	19.653	202	18524	0.404	ng		99
32) Benzo(a)anthracene	21.404	228	10143	0.357	ng		99
33) Chrysene	21.449	228	15122	0.395	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	6251	0.332	ng		100
36) Indeno(1,2,3-cd)pyrene	26.237	276	11156m	0.398	ng		
37) Benzo(b)fluoranthene	23.062	252	10491	0.371	ng		95
38) Benzo(k)fluoranthene	23.109	252	14443	0.372	ng		95
39) Benzo(a)pyrene	23.679	252	9818	0.381	ng	#	84
40) Dibenzo(a,h)anthracene	26.264	278	8433m	0.387	ng		
41) Benzo(g,h,i)perylene	26.983	276	11977	0.436	ng		97

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

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