Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019089.D
Acq On : 23 Mar 2022 13:32
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 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Quant Time: Mar 23 16:45:34 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	4101	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	10590	0.400	ng		# 0.00
13) Acenaphthene-d10	14.485	164	6124	0.400	ng		-0.01
19) Phenanthrene-d10	17.226	188	12299	0.400	ng		-0.01
29) Chrysene-d12	21.422	240	9232	0.400	ng		# 0.00
35) Perylene-d12	23.788	264	8257	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	3360	0.366	ng		0.00
5) Phenol-d6	7.010	99	3232	0.335	ng		0.00
8) Nitrobenzene-d5	9.004	82	2508	0.328	ng		-0.01
11) 2-Methylnaphthalene-d10	12.250	152	6106	0.348	ng		0.00
14) 2,4,6-Tribromophenol	15.985	330	781	0.264	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	9499	0.387	ng		-0.01
27) Fluoranthene-d10	19.261	212	14005	0.384	ng		0.00
31) Terphenyl-d14	19.860	244	7676	0.339	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	2093	0.413	ng		99
3) n-Nitrosodimethylamine	3.579	42	1950	0.330	ng	#	96
6) bis(2-Chloroethyl)ether	7.269	93	4155	0.362	ng		97
9) Naphthalene	10.701	128	11647	0.387	ng		99
10) Hexachlorobutadiene	11.000	225	2787	0.378	ng	#	99
12) 2-Methylnaphthalene	12.322	142	7318	0.357	ng		97
16) Acenaphthylene	14.207	152	9925	0.349	ng		100
17) Acenaphthene	14.549	154	7428	0.373	ng		98
18) Fluorene	15.532	166	9215	0.367	ng		99
20) 4,6-Dinitro-2-methylph...	15.629	198	416	0.289	ng	#	56
21) 4-Bromophenyl-phenylether	16.426	248	2934	0.378	ng		94
22) Hexachlorobenzene	16.549	284	4148	0.415	ng		100
23) Atrazine	16.682	200	1734	0.299	ng		96
24) Pentachlorophenol	16.887	266	553	0.180	ng		97
25) Phenanthrene	17.267	178	14579	0.379	ng		100
26) Anthracene	17.359	178	10891	0.335	ng		99
28) Fluoranthene	19.291	202	17467	0.387	ng		99
30) Pyrene	19.653	202	17770	0.386	ng		99
32) Benzo(a)anthracene	21.405	228	9790	0.344	ng		99
33) Chrysene	21.458	228	15222	0.397	ng		100
34) Bis(2-ethylhexyl)phtha...	21.333	149	6052	0.321	ng		99
36) Indeno(1,2,3-cd)pyrene	26.238	276	12571m	0.422	ng		
37) Benzo(b)fluoranthene	23.068	252	11249m	0.373	ng		
38) Benzo(k)fluoranthene	23.112	252	15322	0.371	ng		95
39) Benzo(a)pyrene	23.688	252	10552	0.385	ng	#	68
40) Dibenzo(a,h)anthracene	26.264	278	9003m	0.388	ng		
41) Benzo(g,h,i)perylene	26.986	276	12582	0.430	ng		97

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

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