Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032822\
Data File : BN019200.D
Acq On : 28 Mar 2022 18:12
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 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022

Quant Time: Mar 29 06:24:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:03:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	5179	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	18814	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	11641	0.400	ng		0.00
19) Phenanthrene-d10	17.226	188	23975	0.400	ng	#	0.00
29) Chrysene-d12	21.413	240	17641	0.400	ng	#	0.00
35) Perylene-d12	23.785	264	15126	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	4108	0.336	ng		0.00
5) Phenol-d6	7.009	99	5366	0.383	ng		0.00
8) Nitrobenzene-d5	9.003	82	4742m	0.325	ng		0.01
11) 2-Methylnaphthalene-d10	12.238	152	11318	0.376	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	1860	0.329	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	17901	0.366	ng		0.00
27) Fluoranthene-d10	19.257	212	25302	0.361	ng		0.00
31) Terphenyl-d14	19.856	244	14259	0.362	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	2308m	0.335	ng		
3) n-Nitrosodimethylamine	3.564	42	2510	0.326	ng	#	99
6) bis(2-Chloroethyl)ether	7.262	93	6591	0.436	ng		98
9) Naphthalene	10.690	128	19375	0.366	ng		99
10) Hexachlorobutadiene	10.989	225	4400	0.370	ng	#	100
12) 2-Methylnaphthalene	12.314	142	13250	0.381	ng		99
16) Acenaphthylene	14.196	152	19156	0.360	ng		99
17) Acenaphthene	14.538	154	13669	0.363	ng		99
18) Fluorene	15.532	166	17462	0.365	ng		100
20) 4,6-Dinitro-2-methylph...	15.618	198	828	0.212	ng	#	89
21) 4-Bromophenyl-phenylether	16.415	248	5633	0.362	ng	#	85
22) Hexachlorobenzene	16.538	284	7326	0.398	ng		100
23) Atrazine	16.682	200	3181	0.294	ng		98
24) Pentachlorophenol	16.887	266	2175	0.329	ng		99
25) Phenanthrene	17.267	178	28177	0.366	ng		100
26) Anthracene	17.359	178	22171	0.348	ng		100
28) Fluoranthene	19.286	202	31899	0.367	ng		99
30) Pyrene	19.649	202	32907	0.395	ng		100
32) Benzo(a)anthracene	21.395	228	21286	0.376	ng		99
33) Chrysene	21.449	228	27292	0.376	ng		100
34) Bis(2-ethylhexyl)phtha...	21.324	149	12214	0.354	ng		99
36) Indeno(1,2,3-cd)pyrene	26.235	276	22249m	0.368	ng		
37) Benzo(b)fluoranthene	23.065	252	20531	0.357	ng		96
38) Benzo(k)fluoranthene	23.109	252	26627	0.365	ng		99
39) Benzo(a)pyrene	23.682	252	19155	0.389	ng	#	87
40) Dibenzo(a,h)anthracene	26.249	278	16375	0.360	ng		96
41) Benzo(g,h,i)perylene	26.974	276	22398	0.360	ng		100

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

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