Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042122\
Data File : BN019516.D
Acq On : 20 Apr 2022 16:43
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 20 17:28:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:55:07 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	5849	0.400	ng		0.00
7) Naphthalene-d8	10.603	136	14652	0.400	ng		#-0.01
13) Acenaphthene-d10	14.450	164	8973	0.400	ng		0.00
19) Phenanthrene-d10	17.192	188	18616	0.400	ng		# 0.00
29) Chrysene-d12	21.377	240	16284	0.400	ng		# 0.00
35) Perylene-d12	23.729	264	12199	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.364	112	61553	3.929	ng		0.00
5) Phenol-d6	6.967	99	82897	4.397	ng		-0.01
8) Nitrobenzene-d5	8.958	82	66024	4.959	ng		-0.02
11) 2-Methylnaphthalene-d10	12.198	152	122568	4.764	ng		-0.01
14) 2,4,6-Tribromophenol	15.931	330	26007	4.771	ng		-0.01
15) 2-Fluorobiphenyl	13.071	172	184055	4.934	ng		-0.01
27) Fluoranthene-d10	19.223	212	294624	4.913	ng		0.00
31) Terphenyl-d14	19.817	244	174433	4.930	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.197	88	33196	4.747	ng		97
3) n-Nitrosodimethylamine	3.515	42	38033	4.107	ng	#	97
6) bis(2-Chloroethyl)ether	7.220	93	81619	4.302	ng		96
9) Naphthalene	10.656	128	209708	4.849	ng		99
10) Hexachlorobutadiene	10.955	225	44002	4.671	ng	#	100
12) 2-Methylnaphthalene	12.270	142	141921	4.734	ng		98
16) Acenaphthylene	14.162	152	237756	5.338	ng		99
17) Acenaphthene	14.504	154	144514	4.880	ng		98
18) Fluorene	15.487	166	191490	4.898	ng		99
21) 4-Bromophenyl-phenylether	16.382	248	62509	4.985	ng		97
22) Hexachlorobenzene	16.505	284	71393	4.864	ng		99
23) Atrazine	16.649	200	49406	4.775	ng		96
25) Phenanthrene	17.223	178	308732	4.943	ng		100
26) Anthracene	17.316	178	283070	5.154	ng		100
28) Fluoranthene	19.252	202	356441	4.812	ng		100
30) Pyrene	19.615	202	361963	4.777	ng		100
32) Benzo(a)anthracene	21.359	228	307656	5.113	ng		99
33) Chrysene	21.413	228	322745	4.828	ng		99
34) Bis(2-ethylhexyl)phtha...	21.297	149	178640	3.990	ng		100
36) Indeno(1,2,3-cd)pyrene	26.138	276	273456	5.356	ng		98
37) Benzo(b)fluoranthene	23.009	252	267511	5.596	ng	#	95
38) Benzo(k)fluoranthene	23.056	252	283952m	5.684	ng		
39) Benzo(a)pyrene	23.620	252	228759	5.326	ng	#	91
40) Dibenzo(a,h)anthracene	26.155	278	211343	5.349	ng		97
41) Benzo(g,h,i)perylene	26.877	276	246637	5.210	ng		98

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

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