Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042822\
Data File : BN019551.D
Acq On : 27 Apr 2022 18:53
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 28 02:20:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 02:19:34 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.883	152	5316	0.400	ng		0.00
7) Naphthalene-d8	10.669	136	12985	0.400	ng		0.00
13) Acenaphthene-d10	14.495	164	6922	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	13136	0.400	ng		0.00
29) Chrysene-d12	21.413	240	12417	0.400	ng		0.00
35) Perylene-d12	23.770	264	10562	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	60323	5.298	ng		0.00
5) Phenol-d6	7.038	99	75327	5.801	ng		0.00
8) Nitrobenzene-d5	9.025	82	49352	5.250	ng		0.00
11) 2-Methylnaphthalene-d10	12.257	152	103660	4.921	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	13564	4.385	ng		-0.01
15) 2-Fluorobiphenyl	13.127	172	143251	5.192	ng		0.00
27) Fluoranthene-d10	19.261	212	199629	5.199	ng		0.00
31) Terphenyl-d14	19.864	244	132603	4.730	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	27728m	3.964	ng		
3) n-Nitrosodimethylamine	3.687	42	27007	4.166	ng	#	94
6) bis(2-Chloroethyl)ether	7.305	93	64927	4.752	ng		97
9) Naphthalene	10.722	128	184803	4.897	ng		99
10) Hexachlorobutadiene	11.021	225	33748	4.074	ng	#	99
12) 2-Methylnaphthalene	12.329	142	119968	4.880	ng		99
16) Acenaphthylene	14.217	152	175026	5.558	ng		99
17) Acenaphthene	14.559	154	115582	5.257	ng		96
18) Fluorene	15.543	166	142277	4.933	ng		99
21) 4-Bromophenyl-phenylether	16.425	248	41713	5.186	ng		95
22) Hexachlorobenzene	16.549	284	46787	4.669	ng		99
23) Atrazine	16.692	200	28140	4.944	ng		95
24) Pentachlorophenol	16.887	266	20007	10.177	ng		96
25) Phenanthrene	17.277	178	221490	5.341	ng		100
26) Anthracene	17.369	178	199742	5.959	ng		99
28) Fluoranthene	19.291	202	246586	5.190	ng		99
30) Pyrene	19.653	202	248774	4.228	ng		100
32) Benzo(a)anthracene	21.404	228	229197	5.935	ng		99
33) Chrysene	21.449	228	236738	4.850	ng		99
34) Bis(2-ethylhexyl)phtha...	21.342	149	111157	4.893	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.188	276	256625	6.289	ng		99
37) Benzo(b)fluoranthene	23.054	252	220323	5.421	ng	#	89
38) Benzo(k)fluoranthene	23.103	252	219668	5.064	ng	#	87
39) Benzo(a)pyrene	23.662	252	176663	4.936	ng	#	83
40) Dibenzo(a,h)anthracene	26.205	278	206540	6.782	ng		94
41) Benzo(g,h,i)perylene	26.930	276	216966	5.181	ng		97

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

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