Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081221\
Data File : BN015859.D
Acq On : 12 Aug 2021 11:04
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Aug 12 11:36:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 10:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	9542	0.400	ng		0.00
7) Naphthalene-d8	10.724	136	42330	0.400	ng		0.00
13) Acenaphthene-d10	14.561	164	24781	0.400	ng		0.01
19) Phenanthrene-d10	17.298	188	50358	0.400	ng		0.00
29) Chrysene-d12	21.493	240	59229	0.400	ng	#	0.00
35) Perylene-d12	23.919	264	56789	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.494	112	73666	2.966	ng		0.00
5) Phenol-d6	7.080	99	101447	3.014	ng		0.00
8) Nitrobenzene-d5	9.076	82	120981	3.644	ng		0.00
11) 2-Methylnaphthalene-d10	12.314	152	220197	3.239	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	41086	3.708	ng		0.00
15) 2-Fluorobiphenyl	13.178	172	293561	2.948	ng		0.00
27) Fluoranthene-d10	19.336	212	533575	3.488	ng		0.00
31) Terphenyl-d14	19.932	244	506856	2.914	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	12438	3.115	ng		96
3) n-Nitrosodimethylamine	3.761	42	34724	3.566	ng	#	99
6) bis(2-Chloroethyl)ether	7.347	93	78643	3.003	ng		99
9) Naphthalene	10.774	128	345755	3.110	ng		100
10) Hexachlorobutadiene	11.066	225	94643	3.295	ng	#	100
12) 2-Methylnaphthalene	12.385	142	233639	3.028	ng		100
16) Acenaphthylene	14.269	152	345470	3.273	ng		100
17) Acenaphthene	14.611	154	224325	3.204	ng		97
18) Fluorene	15.601	166	281550	3.191	ng		100
20) 4,6-Dinitro-2-methylph...	15.677	198	23853	4.824	ng	#	77
21) 4-Bromophenyl-phenylether	16.494	248	89336	3.308	ng		98
22) Hexachlorobenzene	16.616	284	114823	3.283	ng		99
23) Atrazine	16.762	200	86249	3.630	ng		99
24) Pentachlorophenol	16.957	266	52550	3.928	ng		100
25) Phenanthrene	17.346	178	443570	3.145	ng		100
26) Anthracene	17.431	178	425615	3.334	ng		100
28) Fluoranthene	19.366	202	548436	3.244	ng		99
30) Pyrene	19.728	202	561182	3.002	ng		100
32) Benzo(a)anthracene	21.472	228	612314	3.181	ng		100
33) Chrysene	21.525	228	588822	3.052	ng		99
34) Bis(2-ethylhexyl)phtha...	21.408	149	305815	3.487	ng		99
36) Indeno(1,2,3-cd)pyrene	26.435	276	640412	3.289	ng		100
37) Benzo(b)fluoranthene	23.180	252	632725	3.188	ng		98
38) Benzo(k)fluoranthene	23.231	252	570707	3.101	ng		99
39) Benzo(a)pyrene	23.813	252	554544	3.226	ng		97
40) Dibenzo(a,h)anthracene	26.459	278	529849	3.349	ng		97
41) Benzo(g,h,i)perylene	27.209	276	543833	3.158	ng		99

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

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