Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080921\
Data File : BN015826.D
Acq On : 09 Aug 2021 16:49
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Aug 09 17:27:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 16:46:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	8919	0.400	ng		0.00
7) Naphthalene-d8	10.723	136	42061	0.400	ng		0.00
13) Acenaphthene-d10	14.560	164	24278	0.400	ng		0.00
19) Phenanthrene-d10	17.309	188	48129	0.400	ng		0.00
29) Chrysene-d12	21.493	240	51544	0.400	ng		0.00
35) Perylene-d12	23.926	264	49495	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.484	112	18356	0.699	ng		0.00
5) Phenol-d6	7.080	99	24789	0.685	ng		0.00
8) Nitrobenzene-d5	9.076	82	24694	0.780	ng		0.00
11) 2-Methylnaphthalene-d10	12.314	152	54504	0.844	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	8317	0.656	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	75256	0.831	ng		0.00
27) Fluoranthene-d10	19.336	212	117779	0.873	ng		0.00
31) Terphenyl-d14	19.936	244	118901	0.748	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	2958	0.823	ng		97
3) n-Nitrosodimethylamine	3.769	42	7501	0.887	ng	#	99
6) bis(2-Chloroethyl)ether	7.347	93	19802	0.770	ng		99
9) Naphthalene	10.774	128	87588	0.794	ng		100
10) Hexachlorobutadiene	11.065	225	23004	1.144	ng	#	99
12) 2-Methylnaphthalene	12.389	142	63986	0.855	ng		100
16) Acenaphthylene	14.281	152	82265	0.727	ng		100
17) Acenaphthene	14.624	154	54285	0.763	ng		99
18) Fluorene	15.601	166	68138	0.790	ng		100
20) 4,6-Dinitro-2-methylph...	15.677	198	3423	0.910	ng	#	88
21) 4-Bromophenyl-phenylether	16.494	248	20752	0.806	ng		99
22) Hexachlorobenzene	16.616	284	26750	0.843	ng		100
23) Atrazine	16.762	200	17591	0.666	ng		99
24) Pentachlorophenol	16.956	266	9678	0.808	ng		99
25) Phenanthrene	17.346	178	107543	0.783	ng		99
26) Anthracene	17.431	178	97389	0.731	ng		100
28) Fluoranthene	19.370	202	131383	0.855	ng		100
30) Pyrene	19.733	202	129353	0.709	ng		100
32) Benzo(a)anthracene	21.482	228	132351	0.752	ng		100
33) Chrysene	21.535	228	135133	0.813	ng		100
34) Bis(2-ethylhexyl)phtha...	21.408	149	53782	0.414	ng		99
36) Indeno(1,2,3-cd)pyrene	26.441	276	138077	0.739	ng		100
37) Benzo(b)fluoranthene	23.183	252	139273	0.803	ng		99
38) Benzo(k)fluoranthene	23.234	252	128086	0.784	ng		99
39) Benzo(a)pyrene	23.816	252	118850	0.775	ng		98
40) Dibenzo(a,h)anthracene	26.465	278	113242	0.741	ng		99
41) Benzo(g,h,i)perylene	27.215	276	120616	0.747	ng		100

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

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