Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060921\
Data File : BN014850.D
Acq On : 09 Jun 2021 12:46
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Jun 09 13:18:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 13:00:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.707	152	2202	0.40	ng		0.00
7) Naphthalene-d8	10.483	136	8652	0.40	ng		0.00
13) Acenaphthene-d10	14.345	164	5650	0.40	ng		0.00
19) Phenanthrene-d10	17.103	188	11967	0.40	ng	#	0.01
29) Chrysene-d12	21.302	240	15041	0.40	ng		0.00
35) Perylene-d12	23.564	264	14238	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.328	112	4794	0.67	ng		0.00
5) Phenol-d6	6.887	99	5628	0.60	ng		0.00
8) Nitrobenzene-d5	8.848	82	5786	0.72	ng		-0.01
11) 2-Methylnaphthalene-d10	12.083	152	13281	0.81	ng		0.00
14) 2,4,6-Tribromophenol	15.842	330	2134	0.63	ng		0.00
15) 2-Fluorobiphenyl	12.962	172	18379	0.86	ng		0.00
27) Fluoranthene-d10	19.138	212	33361	0.84	ng		0.00
31) Terphenyl-d14	19.743	244	31433	0.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	501	1.22	ng		90
3) n-Nitrosodimethylamine	3.678	42	503	0.77	ng		87
6) bis(2-Chloroethyl)ether	7.145	93	4449	0.62	ng		99
9) Naphthalene	10.534	128	19572	0.82	ng		100
10) Hexachlorobutadiene	10.825	225	5756	0.90	ng	#	98
12) 2-Methylnaphthalene	12.154	142	13941	0.84	ng		100
16) Acenaphthylene	14.066	152	20006	0.85	ng		100
17) Acenaphthene	14.409	154	13209	0.82	ng		98
18) Fluorene	15.398	166	17368	0.86	ng		99
20) 4,6-Dinitro-2-methylph...	15.487	198	528	0.36	ng	#	63
21) 4-Bromophenyl-phenylether	16.288	248	7145	0.85	ng	#	58
22) Hexachlorobenzene	16.409	284	8084	0.91	ng		100
23) Atrazine	16.568	200	3992	0.73	ng		97
24) Pentachlorophenol	16.750	266	1470	0.54	ng		96
25) Phenanthrene	17.140	178	28376	0.84	ng		99
26) Anthracene	17.225	178	25351	0.86	ng		100
28) Fluoranthene	19.168	202	36738	0.90	ng		100
30) Pyrene	19.535	202	36435	0.82	ng		100
32) Benzo(a)anthracene	21.292	228	34983	0.80	ng		97
33) Chrysene	21.334	228	40943	0.85	ng		99
34) Bis(2-ethylhexyl)phtha...	21.228	149	9977	0.68	ng		99
36) Indeno(1,2,3-cd)pyrene	25.836	276	35447	0.66	ng		100
37) Benzo(b)fluoranthene	22.886	252	37172	0.80	ng		99
38) Benzo(k)fluoranthene	22.927	252	46503	0.86	ng		97
39) Benzo(a)pyrene	23.464	252	35857	0.79	ng		98
40) Dibenzo(a,h)anthracene	25.853	278	26898	0.63	ng		96
41) Benzo(g,h,i)perylene	26.528	276	34156	0.71	ng		99

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

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