Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032021\
Data File : BN013995.D
Acq On : 19 Mar 2021 12:10
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Mar 19 12:44:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 19 12:16:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.708	152	5290	0.40	ng		0.00
7) Naphthalene-d8	10.480	136	19141	0.40	ng		0.00
13) Acenaphthene-d10	14.334	164	10663	0.40	ng		0.00
19) Phenanthrene-d10	17.068	188	24037	0.40	ng		0.00
29) Chrysene-d12	21.250	240	23541	0.40	ng		# 0.00
36) Perylene-d12	23.465	264	19698	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	9668	0.68	ng		0.00
5) Phenol-d6	6.871	99	12219	0.65	ng		0.00
8) Nitrobenzene-d5	8.845	82	10480	0.85	ng		0.00
11) 2-Methylnaphthalene-d10	12.071	152	24390	0.79	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	2633	0.60	ng		0.00
15) 2-Fluorobiphenyl	12.951	172	33657	0.89	ng		0.00
27) Fluoranthene-d10	19.099	212	52694	0.74	ng		0.00
31) Terphenyl-d14	19.700	244	43708	0.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	5540	0.87	ng		98
3) n-Nitrosodimethylamine	3.569	42	3768	0.76	ng	#	94
6) bis(2-Chloroethyl)ether	7.137	93	11305	0.84	ng		96
9) Naphthalene	10.530	128	38795	0.82	ng		99
10) Hexachlorobutadiene	10.822	225	7338	0.81	ng	#	99
12) 2-Methylnaphthalene	12.142	142	26180	0.79	ng		99
16) Acenaphthylene	14.042	152	31849	0.67	ng		99
17) Acenaphthene	14.397	154	24229	0.82	ng		99
18) Fluorene	15.374	166	30785	0.81	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	2129	1.28	ng	#	89
21) 4-Bromophenyl-phenylether	16.264	248	9821	0.75	ng	#	90
22) Hexachlorobenzene	16.386	284	11320	0.83	ng		99
23) Atrazine	16.532	200	6275	0.51	ng	#	93
24) Pentachlorophenol	16.727	266	2554	0.57	ng		97
25) Phenanthrene	17.116	178	51828	0.83	ng		100
26) Anthracene	17.201	178	42407	0.69	ng		100
28) Fluoranthene	19.129	202	58462	0.78	ng		99
30) Pyrene	19.491	202	58098	0.80	ng		100
32) Benzo(a)anthracene	21.229	228	54084	0.75	ng		97
33) Chrysene	21.282	228	59752	0.84	ng		99
34) Bis(2-ethylhexyl)phtha...	21.165	149	18438	0.54	ng		98
35) Indeno(1,2,3-cd)pyrene	25.680	276	62471	0.73	ng		99
37) Benzo(b)fluoranthene	22.798	252	58314	0.93	ng	#	94
38) Benzo(k)fluoranthene	22.842	252	58137	0.96	ng	#	92
39) Benzo(a)pyrene	23.366	252	49578	0.88	ng	#	91
40) Dibenzo(a,h)anthracene	25.694	278	53390	0.89	ng		97
41) Benzo(g,h,i)perylene	26.361	276	56072	0.92	ng		97

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

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