Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040621\
Data File : BN014213.D
Acq On : 05 Apr 2021 20:49
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Apr 06 01:46:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 01:35:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.644	152	7684	0.40	ng		0.00
7) Naphthalene-d8	10.429	136	27126	0.40	ng		0.00
13) Acenaphthene-d10	14.283	164	16874	0.40	ng		0.00
19) Phenanthrene-d10	17.031	188	35037	0.40	ng		0.00
29) Chrysene-d12	21.226	240	38946	0.40	ng		# 0.00
36) Perylene-d12	23.432	264	36076	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.236	112	87824	4.56	ng		0.00
5) Phenol-d6	6.814	99	119043	4.71	ng		0.00
8) Nitrobenzene-d5	8.794	82	104649	5.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.017	152	294679	4.79	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	38498	6.03	ng		0.00
15) 2-Fluorobiphenyl	12.900	172	296678	4.74	ng		0.00
27) Fluoranthene-d10	19.066	212	698453	5.04	ng		0.00
31) Terphenyl-d14	19.672	244	416327	4.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.166	88	40134	4.32	ng		95
3) n-Nitrosodimethylamine	3.480	42	41326	5.41	ng		95
6) bis(2-Chloroethyl)ether	7.080	93	98151	4.47	ng		99
9) Naphthalene	10.467	128	345026	4.74	ng		99
10) Hexachlorobutadiene	10.758	225	62461	4.69	ng	#	100
12) 2-Methylnaphthalene	12.093	142	240953	4.72	ng		99
16) Acenaphthylene	14.004	152	379659	5.49	ng		99
17) Acenaphthene	14.346	154	247119	5.00	ng		96
18) Fluorene	15.336	166	310822	4.93	ng		99
20) 4,6-Dinitro-2-methylph...	15.412	198	38451	8.58	ng		90
21) 4-Bromophenyl-phenylether	16.227	248	100852	5.08	ng		95
22) Hexachlorobenzene	16.349	284	105073	4.86	ng		99
23) Atrazine	16.495	200	80504	5.92	ng		96
24) Pentachlorophenol	16.690	266	42280	7.95	ng		99
25) Phenanthrene	17.067	178	508872	4.95	ng		99
26) Anthracene	17.164	178	471405	5.39	ng		100
28) Fluoranthene	19.096	202	587017	4.93	ng		100
30) Pyrene	19.459	202	607745	4.84	ng		100
32) Benzo(a)anthracene	21.205	228	637764	5.31	ng		99
33) Chrysene	21.258	228	621448	4.67	ng		99
34) Bis(2-ethylhexyl)phtha...	21.152	149	248947	6.02	ng		99
35) Indeno(1,2,3-cd)pyrene	25.636	276	730227	4.54	ng		99
37) Benzo(b)fluoranthene	22.768	252	654782	4.86	ng	#	95
38) Benzo(k)fluoranthene	22.812	252	637856	4.84	ng		98
39) Benzo(a)pyrene	23.332	252	600268	4.99	ng	#	90
40) Dibenzo(a,h)anthracene	25.650	278	609127	4.83	ng		99
41) Benzo(g,h,i)perylene	26.310	276	624596	4.83	ng		99

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

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